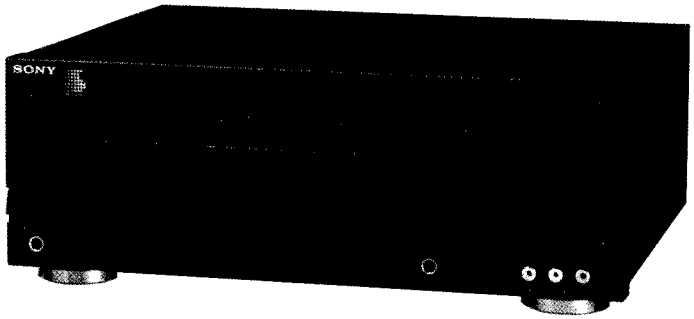
TA-V902

SERVICE MANUAL

AEP Model
UK Model
E Model



SPECIFICATIONS

Continuous RMS power output
70 W + 70 W (6 ohms, at 1 kHz, 5% THD)
Music power output 100 W + 100 W (6 ohms, at 1 kHz, 10% THD)

Input	Jack type	Sensitivity	Impedance
PHONO	Phono	2.0 mV	47 kohms
VIDEO 1/CD VIDEO 2/DAT DBS TUNER TAPE EQUALIZER VIDEO 3	Phono	200 mV	47 kohms
MIC	Phone	0.7 mV	10 kohms

Output	Jack type	Voltage	Impedance
VIDEO 1/CD VIDEO 2/DAT DAT TAPE EQUALIZER	Phono	180 mV	4.7 kohm
SURROUND SPEAKER	Phono	Accepts speakers of 8 to 16 ohms	
HEAD-PHONES	Stereophone	Accepts headphones of 8 ohms or more	

Frequency response	CD: 10 Hz to 50 kHz ±3 dB
Power requirements	UK model: 240 V AC, 50/60 Hz E, Saudi Arabia model: 120/220/240 V AC, 50/60 Hz AEP, WG, IT model: 220 VAC, 50/60 Hz
Power consumptions	UK model: 400 W E, Saudi Arabia model: 190W AEP, WG, IT model: 160W
AC outlet	1 unswitched, 100 W max.
Weight	Approx. 6.3 kg
Dimensions	Approx. 355 × 130 × 340mm (w/h/d, including projections)

Design and specifications subject to change without notice.

Note
This appliance conforms with EEC Directives 87/308/EEC regarding interference suppression.

WG: West Germany
IT: Italian

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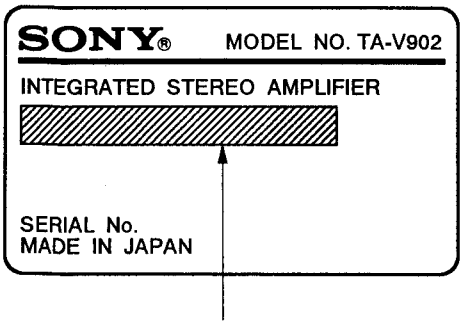
STEREO AMPLIFIER

SONY®

MODEL IDENTIFICATION

– Specification Labels –



AEP Model: AC: 220V~50/60Hz
Italian Model: AC: 220V~50/60Hz
UK Model: AC: 240 V ~50/60 Hz
E, Saudi Arabia Model: AC: 120/220/240V~50/60Hz 190W
WG Model: AC: 220V~50/60Hz

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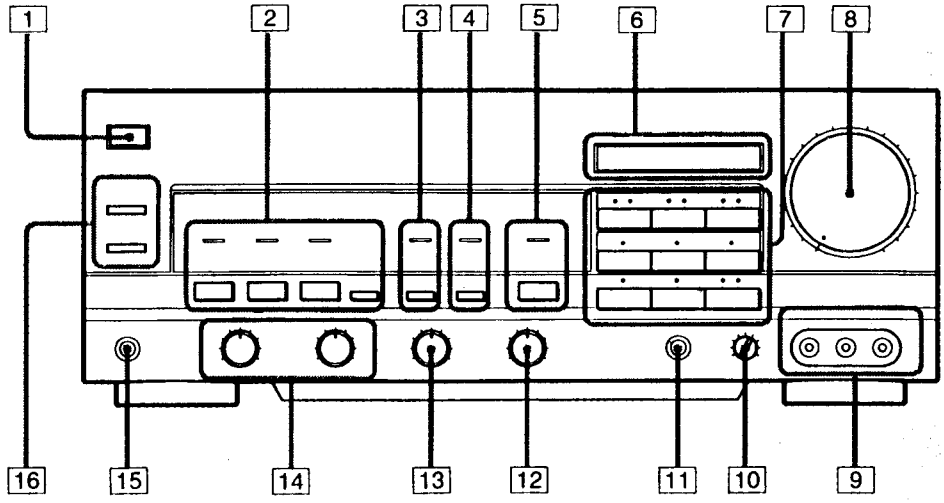
SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SECTION 1
GENERAL



Amplifier

For instructions refer to the pages indicated in the circled number.

1 POWER switch
2 Buttons for storing sound settings
3 DBFB (dynamic bass feedback) button and indicator (AEP, UK, IT model)
SAT (Super Acoustic Turbo) button and indicator (E, Saudi Arabia model)
4 EQ REC (equalizer recording) button and indicator
5 DIGITAL DIRECT button and indicator
6 SAMPLING FREQUENCY indicators
Show the sampling frequency of the digital program source selected with FUNCTION.
7 FUNCTION selectors and indicators
Red indicator : audio
Green indicator: video
Every time you press the VIDEO 1/CD, VIDEO 2/DAT or VIDEO 3 buttons, audio and video source is switched.
8 VOLUME control
9 VIDEO 3 INPUT jacks
10 MIC (microphone) LEVEL control
11 MIC (microphone) jack
12 BALANCE control
13 DBFB LEVEL control (AEP, UK, IT model)
SAT LEVEL control (E, Saudi Arabia model)
14 BASS and TREBLE tone controls
15 HEADPHONES jack
16 SPEAKERS selectors

SECTION 2
DIAGRAMS

• IC PIN FUNCTIONS

• IC603 DIGITAL RECEIVER (CXD2900Q)

No.	SIGNAL	I/O	FUNCTION	No.	SIGNAL	I/O	FUNCTION
1	DIAN	I	Audio data output select L: ADDT ㊵, H: RECO ㊷	25	RX1	I	Digital signal input 1
2	UREC	I	Not used (+5V)	26	RX2	I	Digital signal input 2
3	$\overline{\text{XCLR}}$	I	System reset input	27	RX3	I	Digital signal input 3
4	CKIN	I	Clock input	28	S1	I	Digital signal select ※Ⓐ
5	DGND		Digital system ground	29	S2	I	Digital signal select ※Ⓐ
6	DGND		Digital system ground	30	VD		Digital system +5V
7	VA		Analogue system +5V	31	DRECO	O	Digital signal Direct output
8	VC OUT	O	VCO input	32	DGND		Digital system ground
9	C1B		Connected capacitor for VCO	33	XTLO	O	Osillation signal output
10	C1A		Connected capacitor for VCO	34	XTLI	I	Osillation signal input
11	R2		Connected resistor for VCO	35	STOP	O	Oscillation control
12	VCO 1	I	VCO output	36	VD		Digital system +5V
13	R1		Connected resistor for VCO	37	VD		Digital system +5V
14	AGND		Analogue system ground	38	MCK	O	Master clock (384FS)
15	AGND		Analogue system ground	39	BCK	O	Bit clock (64FS)
16	PHCO		Phase detector output	40	ADDT	O	Audio data output 1
17	PLVARI	I	PLL variable input	41	LRCK	O	LR clock (1FS)
18	PLREFI	I	PLL reference input	42	RECO	O	Audio data output 2
19	VA			43	ANDT	I	Not used (GND)
20	PLREFO	O	PLL reference output	44	MUTE	O	Audio mute control L: normal, H: mute
21	PLVARO	O	PLL variable output	45	RECM	I/O	Record mute
22	SWC		Not used (+5)	46	FS1	O	Sampling frequency data 1 ※Ⓑ
23	T1		Not used (GND)	47	FS2	O	Sampling frequency data 1 ※Ⓑ
24	T2		Not used (GND)	48	EMP	O	De-emphasys switch H: ON, L: OFF

※Ⓐ Digital signal select

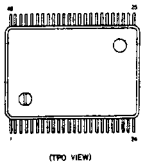
S1 ㉘	S2 ㉙	INPUT
L	L	RX1 ㉕
L	H	RX2 ㉖
H	L	RX3 ㉗
H	H	OFF

※Ⓑ Sampling frequency data

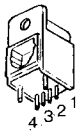
FS1 ㉘	FS2 ㉙	FS
L	L	44.1 kHz
L	H	48 kHz
H	L	——
H	H	32 KHz

- **Semiconductor Lead Layouts**

CXD2900Q

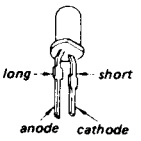


RFB011R

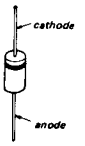


2SC1841-PAFAEA

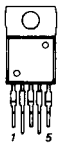
SEL-2210S-C
SEL-2210W-D



10E2N

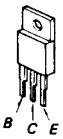


L78MR06

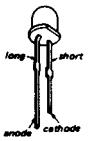


DTA124ES
DTC124ES
DTC144ES
2SC2603-EF
2SC3622A-LK
2SC3623A-LK

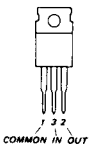
2SD2012



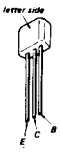
SEL2510C



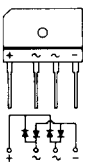
M5F7909L



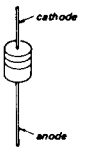
2SA1175-HFE



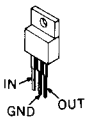
RBV-602-01



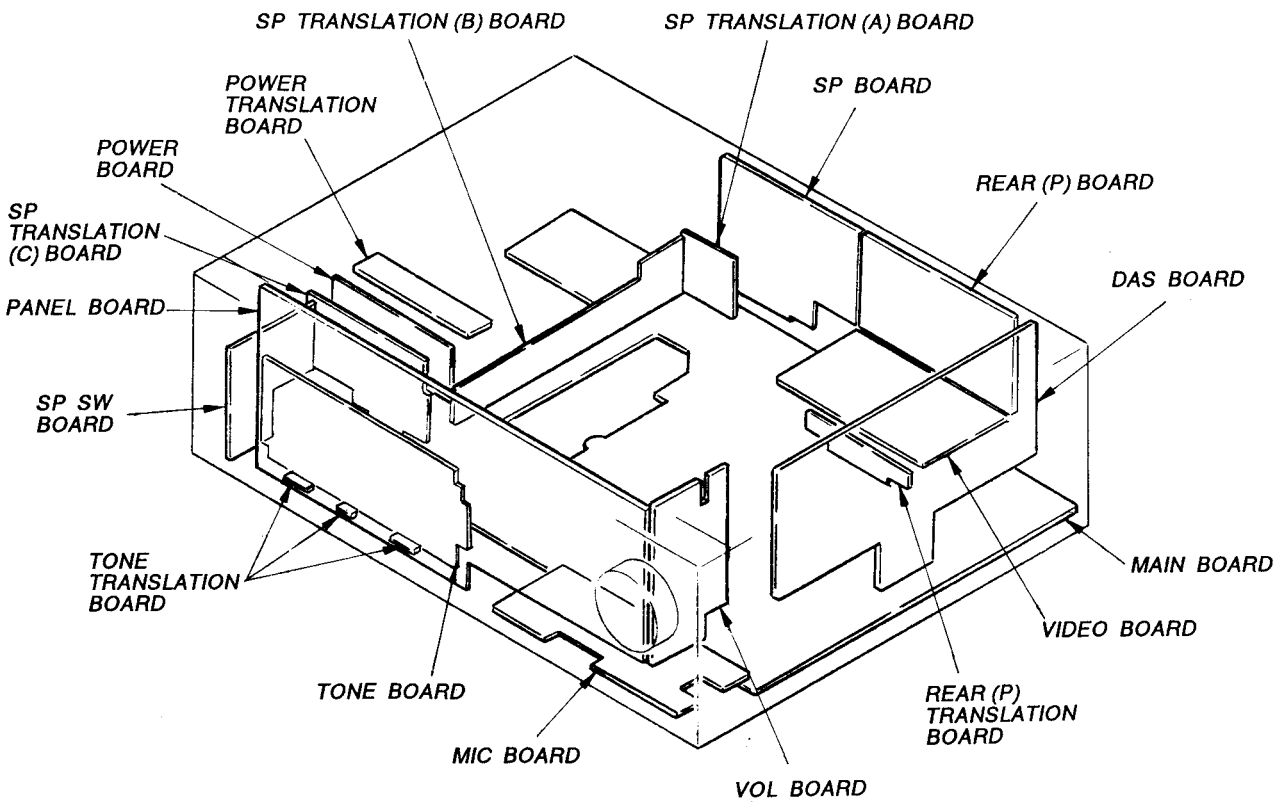
1SS120



RC7809FA



- **Circuit Boards Location**



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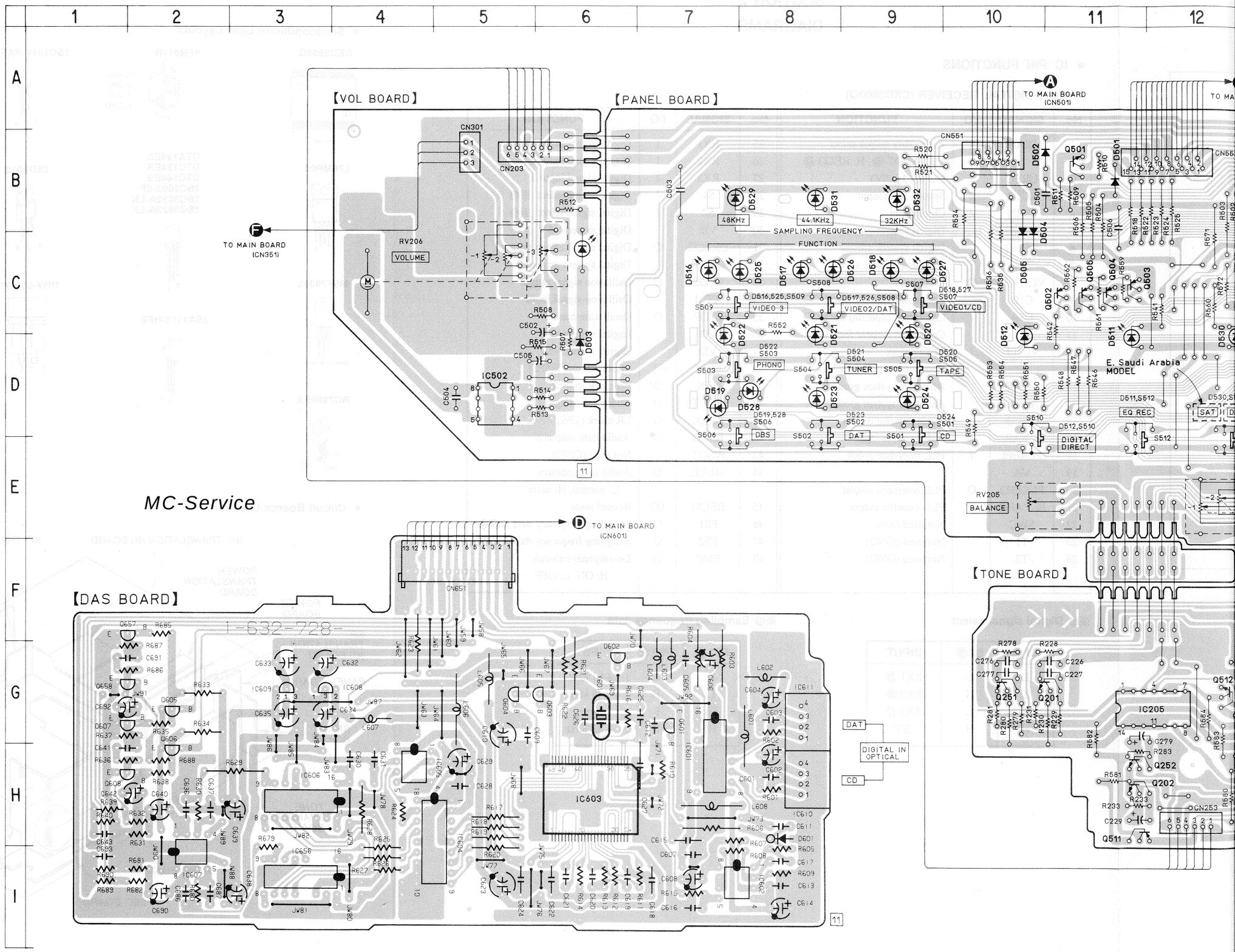
Note:
- o——— : parts extracted from the component side.

• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D501	B-11	IC501	C-14
D502	B-10	IC502	D-5
D503	D-6	IC601	H-7
D504	B-10	IC602	I-8
D505	B-10	IC603	H-6
D506	B-15	IC604	H-5
D511	C-11	IC605	H-4
D512	C-10	IC606	H-3
D513	C-14	IC607	I-2
D514	C-15	IC608	G-3
D515	C-16	IC609	G-3
D516	C-7	IC610	H-8
D517	C-8	IC611	G-8
D518	C-9	IC656	I-3
D519	D-7		
D520	C-9	Q201	G-11
D521	C-8	Q202	H-11
D522	C-7	Q251	G-10
D523	D-8	Q252	H-11
D524	D-9	Q501	B-11
D525	C-8	Q502	C-11
D526	C-8	Q503	C-11
D527	C-9	Q504	C-11
D528	D-8	Q505	C-11
D529	B-7	Q511	H-11
D530	C-12	Q512	G-12
D531	B-8	Q513	H-14
D532	B-9	Q514	G-14
D541	D-13	Q530	B-16
D542	D-13	Q531	B-16
D543	D-13	Q601	G-7
D544	D-13	Q602	G-6
D545	D-13	Q603	G-6
D546	D-13	Q604	G-5
D601	H-8	Q605	G-2
		Q606	H-2
IC202	G-15	Q607	G-2
IC203	G-13	Q608	H-2
IC204	G-14	Q657	F-2
IC205	G-12	Q658	G-2



4 5 6 7 8 9 10 11 12 13 14 15 16 17

【VOL BOARD】 【PANEL BOARD】

TO MAIN BOARD (CN501)

TO MAIN BOARD (CN502)

CN301 CN203 CN551 CN552 CN651

RV206 VOLUME RV205 BALANCE RV204 DBFB LEVEL SAT LEVEL RV203 TREBLE RV202 BASS

IC501 IC502 IC603 IC205 IC203 IC204 IC202

48KHz 44.1KHz 32KHz SAMPLING FREQUENCY

FUNCTION

VIDEO 3 VIDEO2/DAT VIDEO1/CD PHONO TUNER TAPE DBS DAT CD

DIGITAL DIRECT EQ REC SAT DBFB SET

E. Saudi Arabia MODEL

EXCEPT E. Saudi Arabia MODEL

【TONE BOARD】

【TONE TRANSLATION BOARD】×3

TO MAIN BOARD (CN601)

DAT DIGITAL IN OPTICAL CD

TO MAIN BOARD (CN202)

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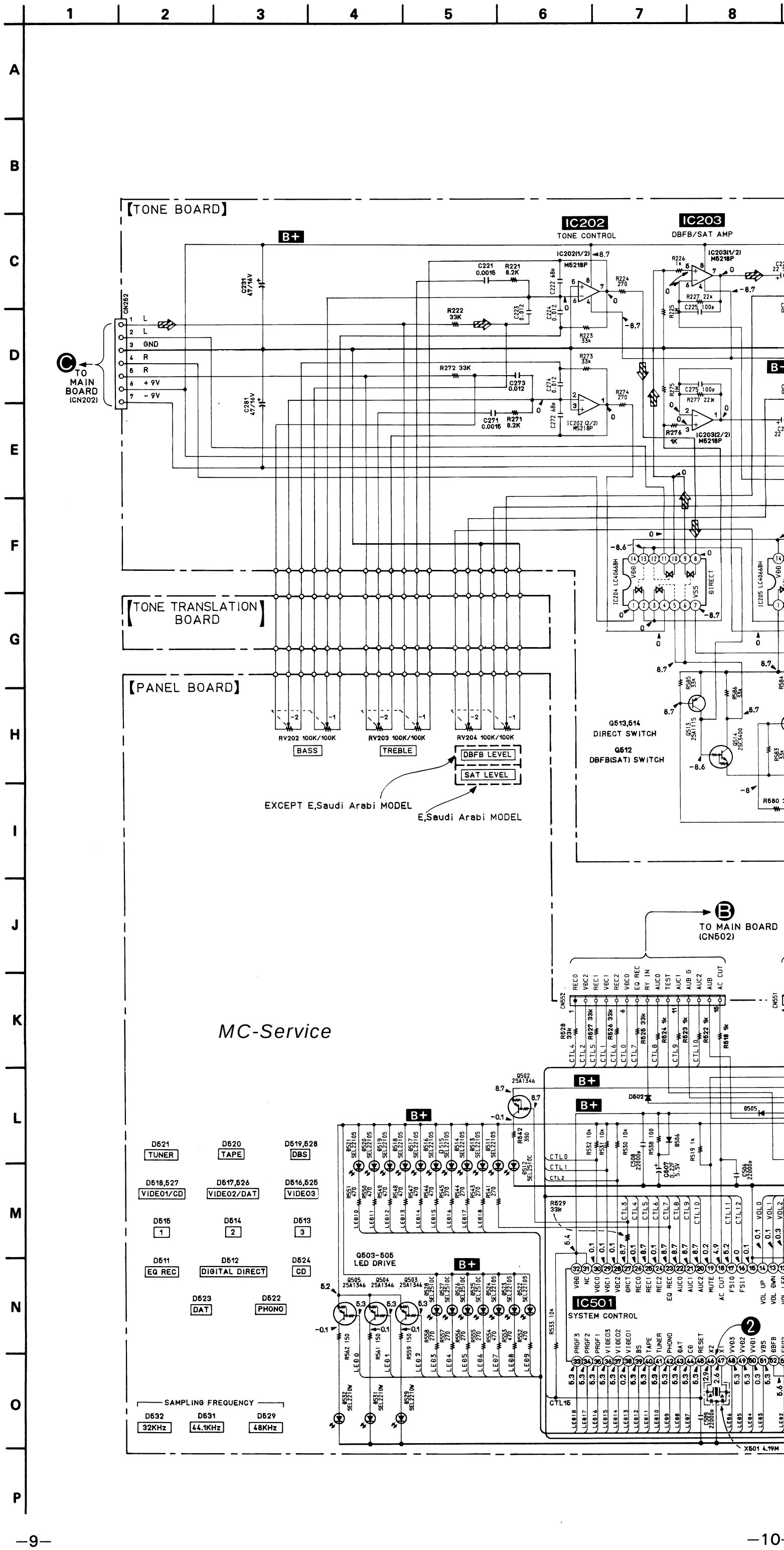
2-2. SCHEMATIC DIAGRAM – FUNCTION, D/A CONVERTOR SECTION –



Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼ W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- **B+** : B + Line.
- **B−** : B − Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Wavefroms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to wavefroms.
- Signal path.
  - : VIDEO (SOUND)
  - : PHONO
  - : DIGITAL

IC203
DBFB/SAT AMP

IC203(1/2) M5218P

IC203(2/2) M5218P

Q201,251
EQUALIZER SWITCH

Q202,252
MUTING SWITCH

IC205
EQ REC SWITCH

IC204
DIRECT SWITCH

IC205 LC4066BH

Q511
MUTING SWITCH

CN253
R
GNDG
L
MUTE
DBFB
DIRECT

RV205 100K
BALANCE

IC603 VOLTAGE

NO.	(V)	NO.	(V)	NO.	(V)
1	5.2	17	2.7	33	5.2
2	5.2	18	0	34	0
3	4.9	19	5	35	0
4	2.7	20	0	36	5.2
5	GND	21	2.7	37	5.2
6	GND	22	5.2	38	5.2
7	5	23	GND	39	0
8	2.7	24	GND	40	0
9	0.4	25	4.8	41	0
10	0.5	26	GND	42	—
11	3.6	27	GND	43	GND
12	0	28	5.1	44	5.2
13	0	29	5.2	45	—
14	GND	30	5.4	46	5.2
15	GND	31	0	47	0
16	0	32	GND	48	0

【DAS BOARD】

IC601 DATA SELECTOR /MULTIPLEXER

IC602 CORRECT DUTY

IC602(1/2)
IC602(2/2) M5218P

IC603
DIGITAL RECE

IC610 IC611
RBF011R
MODULE,LIGHT CATCH

CD
DAT
DIGITAL IN OPTICAL

Q601 PREVENT OSC

Q605 EMP SWITCH

Q606 MUTING SWITCH

Q608, 658 MUTING

Q607, 657 EMP

【VOL BOARD】

RV206
VOLUME

IC502
VOL MOTOR

D503
US1060M

Inclued RV206

TO MAIN BOARD (CN502)

TO MAIN BOARD (CN501)

TO MAIN BOARD (CN351)

EXCEPT E,Saudi Arabia MODEL

E,Saudi Arabia MODEL

Q501
BUFFER

D530 DBFB
D530 SAT

Q530,531
DBFB BUFFER

D501,502
D504-506
D541-546
US1060M

S501 CD	S507 VIDEO1/CD	S513 SET	
S502 DAT	S508 VIDEO2/DAT	S514 1	
S503 PHONO	S509 VIDEO3	S515 2	
S504 TUNER	S510 DIGITAL DIRECT	S516 3	
S505 TAPE	S511 DBFB	S511 SAT	E,Saudi Arabia MODEL
S506 DBS	S512 EQ REC		EXCEPT E,Saudi Arabia MODEL

X501 4.19M

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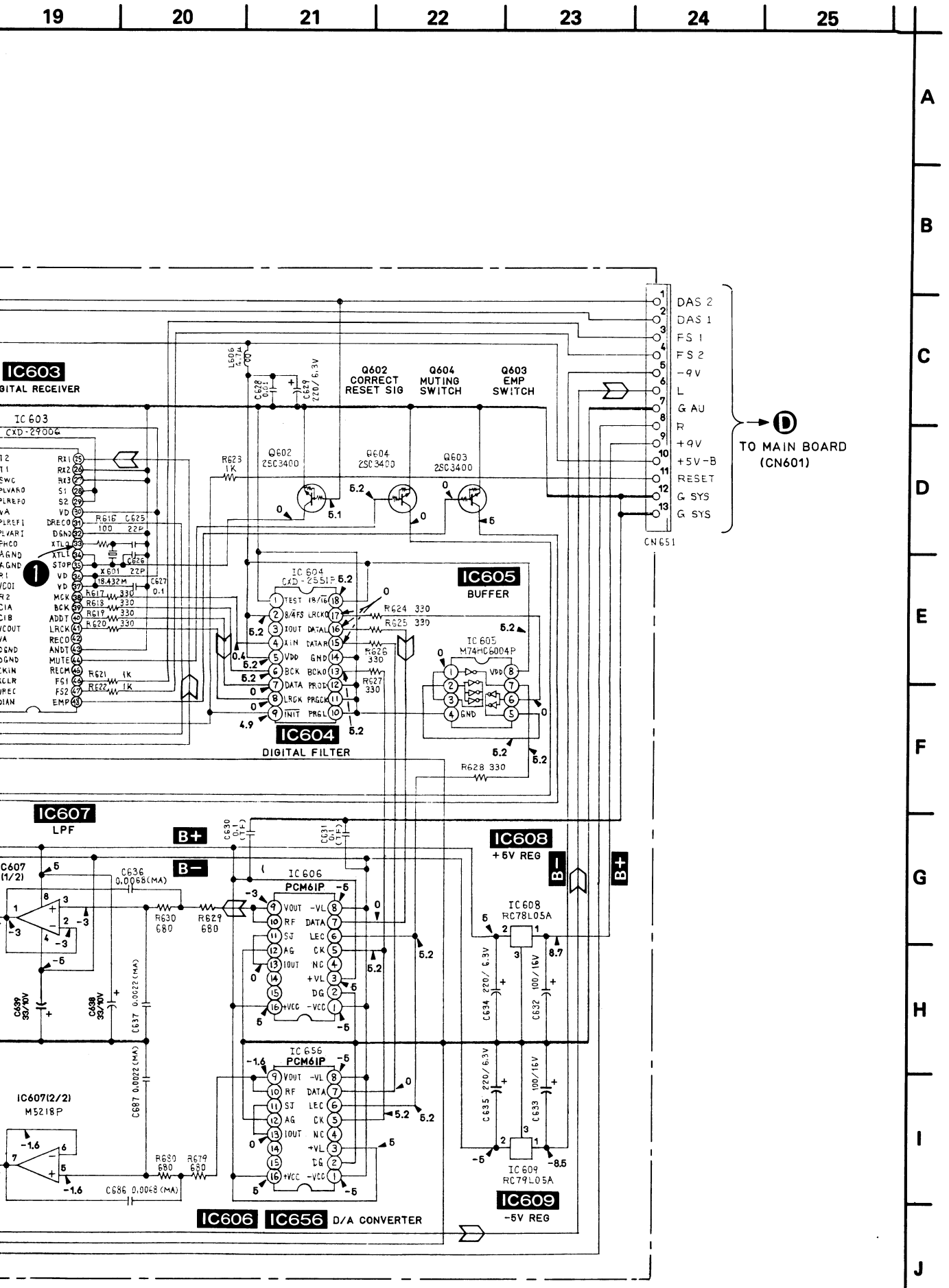
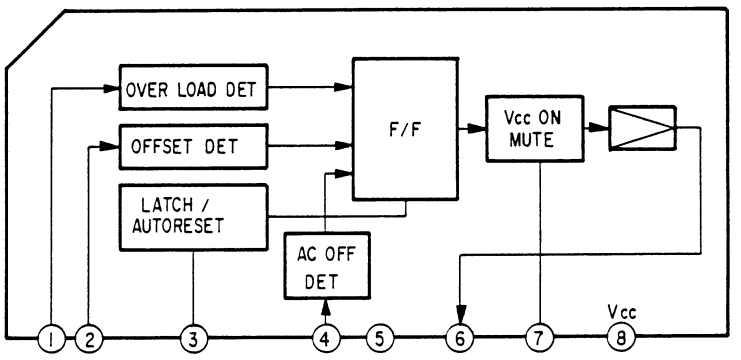
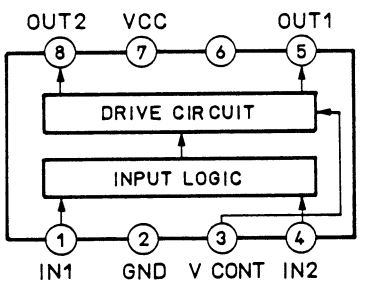


• IC Block Diagrams

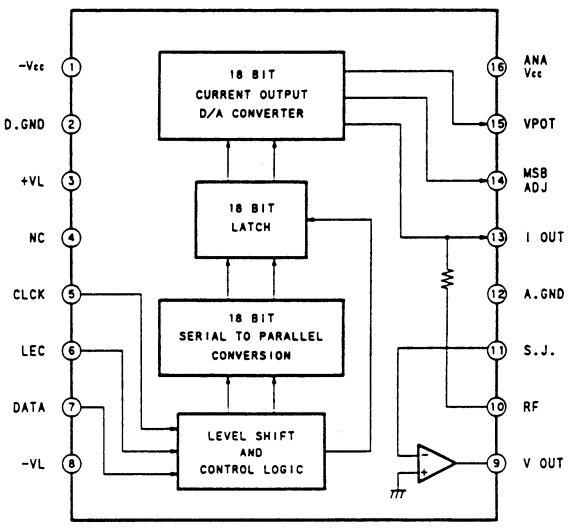
IC302 μPC1237H



IC502 LB1639



IC606, 656 PCM-61P



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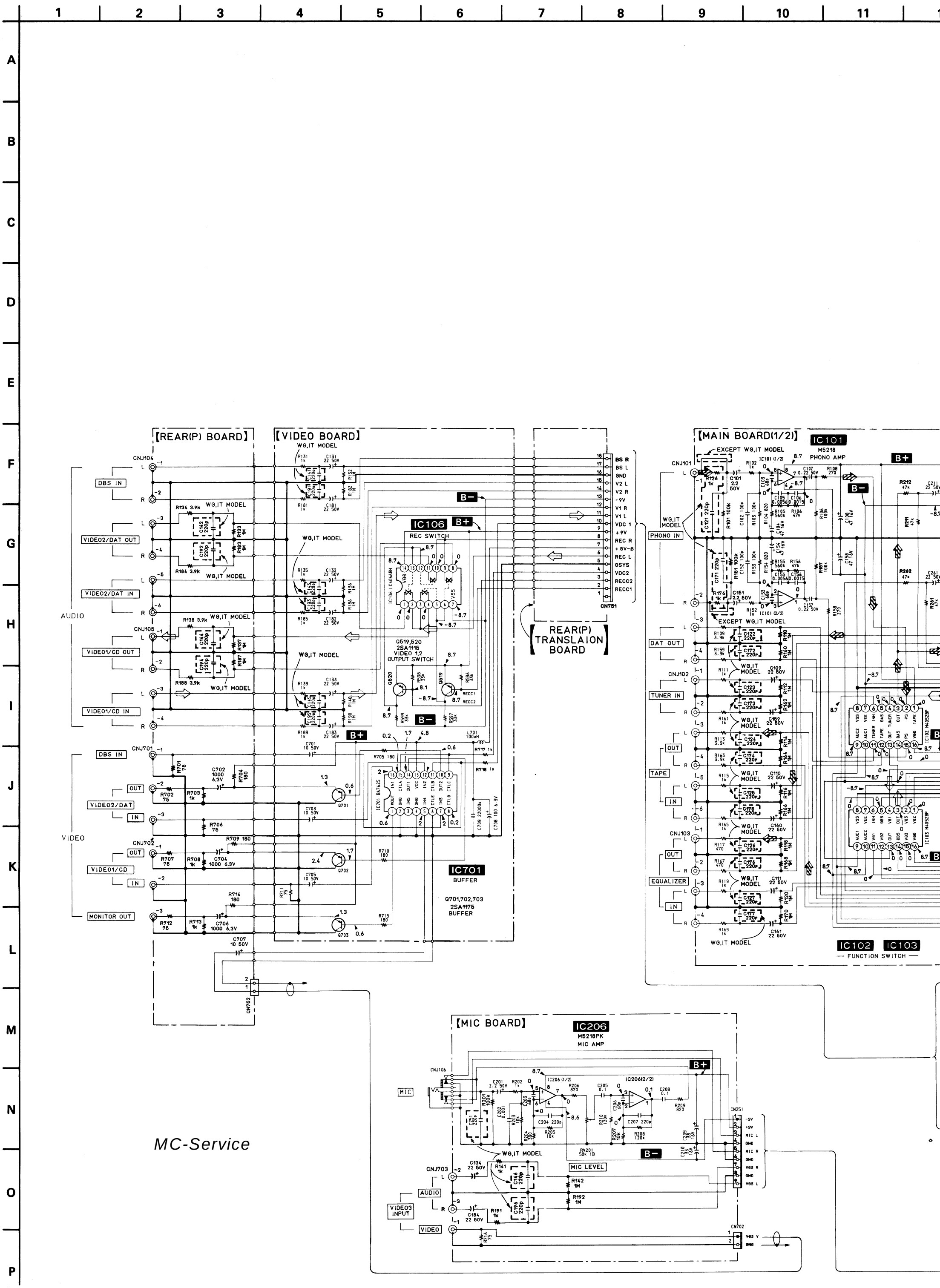
2-3. SCHEMATIC DIAGRAM – MAIN SECTION –



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IC201 M5218L SURROUND

IC301 E,Saudi Arabia MODEL
STK4201 II
STK4182 II EXCEPT E,Saudi Arabia MODEL
POWER AMP

IC104 EQ REC SWITCH

IC105 DAT REC SWITCH

IC102 IC103 — FUNCTION SWITCH —

IC302 PROTECTOR

IC401 +9V REG

IC402 -9V REG

IC403 RESET

Q401 +5V REG

Q515,516 EQ REC CONTROL

Q518 DAT REC CONTROL

Q517 STABILIZER

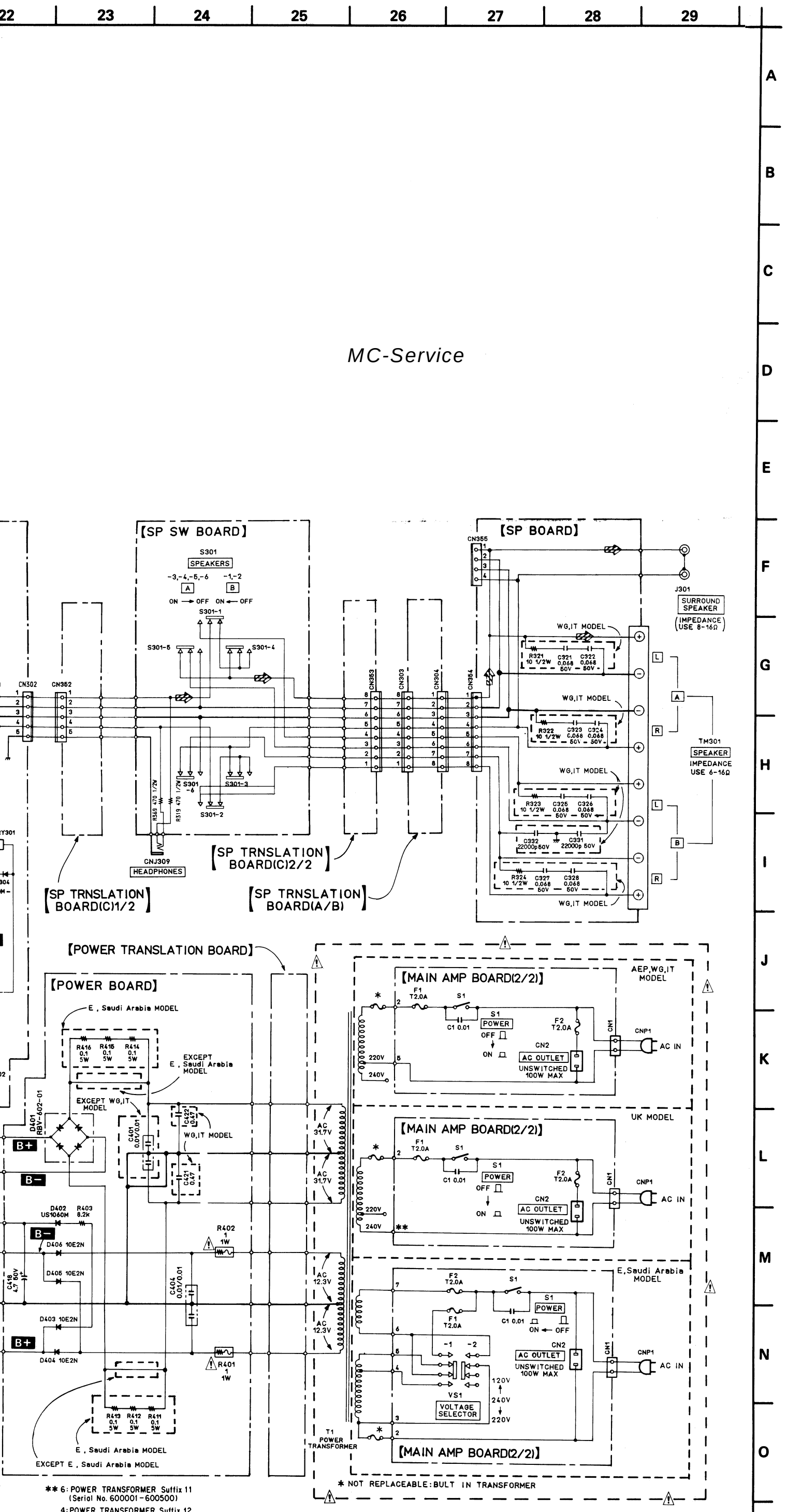
Q301,351 OVER CURRENT

WG,IT MODEL

*

	E, Saudi Arabia	AEP, UK	WG, IT
C302, C303 C352, C353	100 p	100 p	220 p
C305, C308	100 / 63V	100 / 50V	100 / 50V
C307	22 / 63V	22 / 50V	22 / 50V
C402, C403	4700 / 56 V	4700 / 50V	4700 / 50V
R305, R306 R355, R356	4.7k (1/2W)	3.3k (1/2W)	3.3k (1/2W)
R334	12k (1/2W)	10k (1/2W)	10k (1/2W)
R335	1.2k (1/2W)	820Ω (2W)	820Ω (2W)

CN701 → D DAS BOARD (CN651)
CN601 → B PANEL BOARD (CN552)
CN502 → A PANEL BOARD (CN551)
CN501 → F VOL BOARD (CN301)
CNJ501 AU BUS



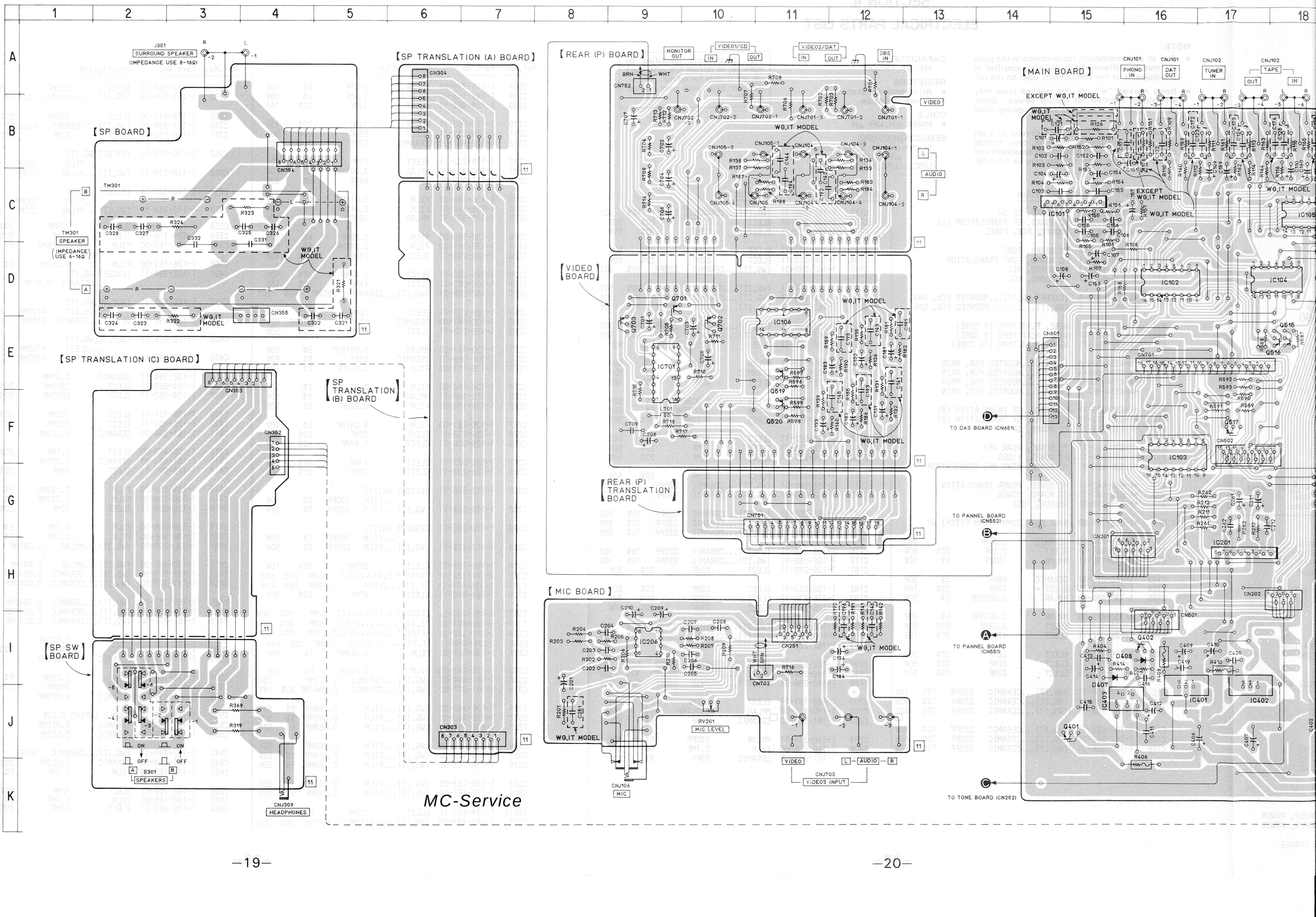
** 6: POWER TRANSFORMER Suffix 11
(Serial No. 600001 - 600500)
4: POWER TRANSFORMER Suffix 12
(Serial No. 600501 -)

Note:

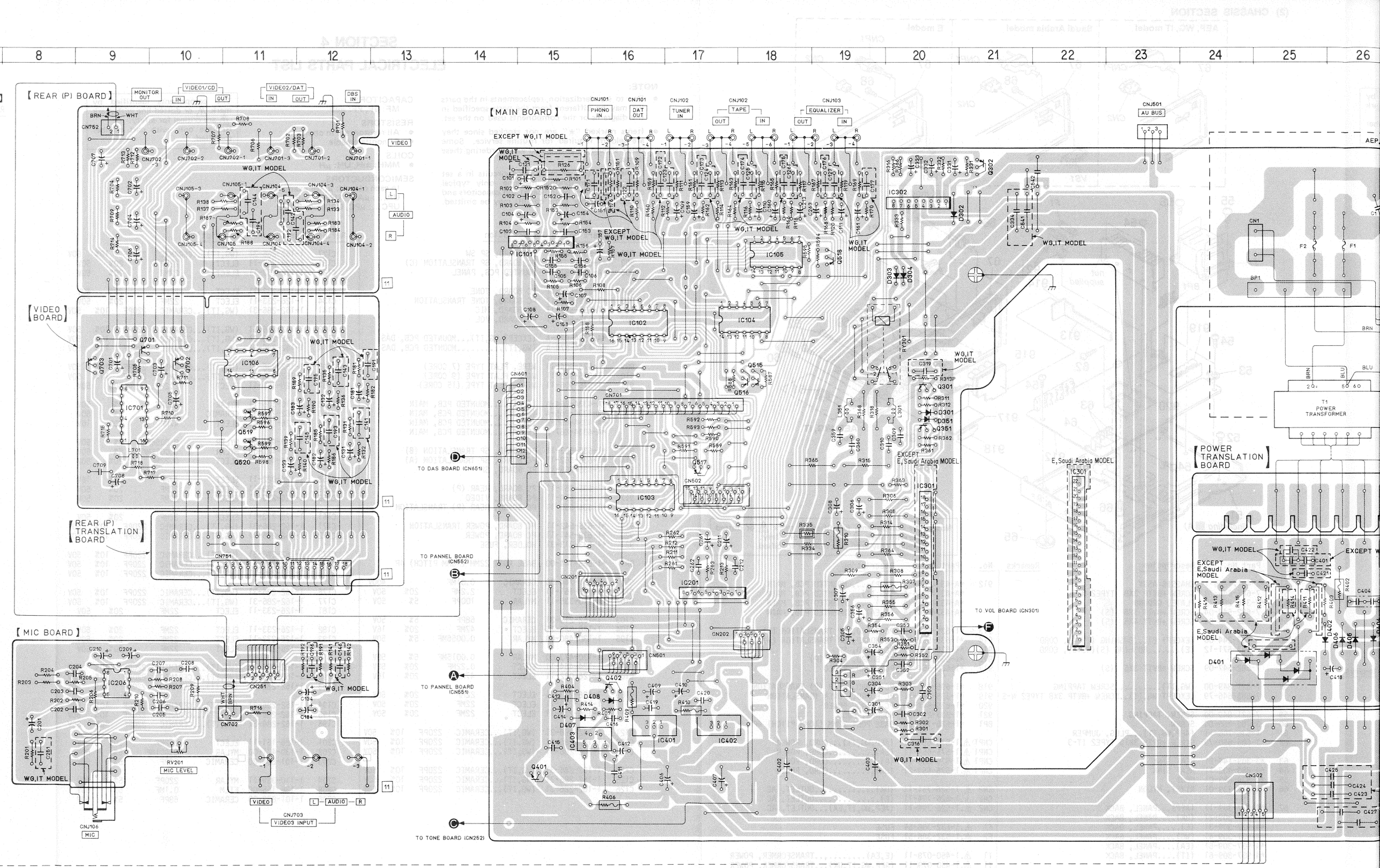
- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼ W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.

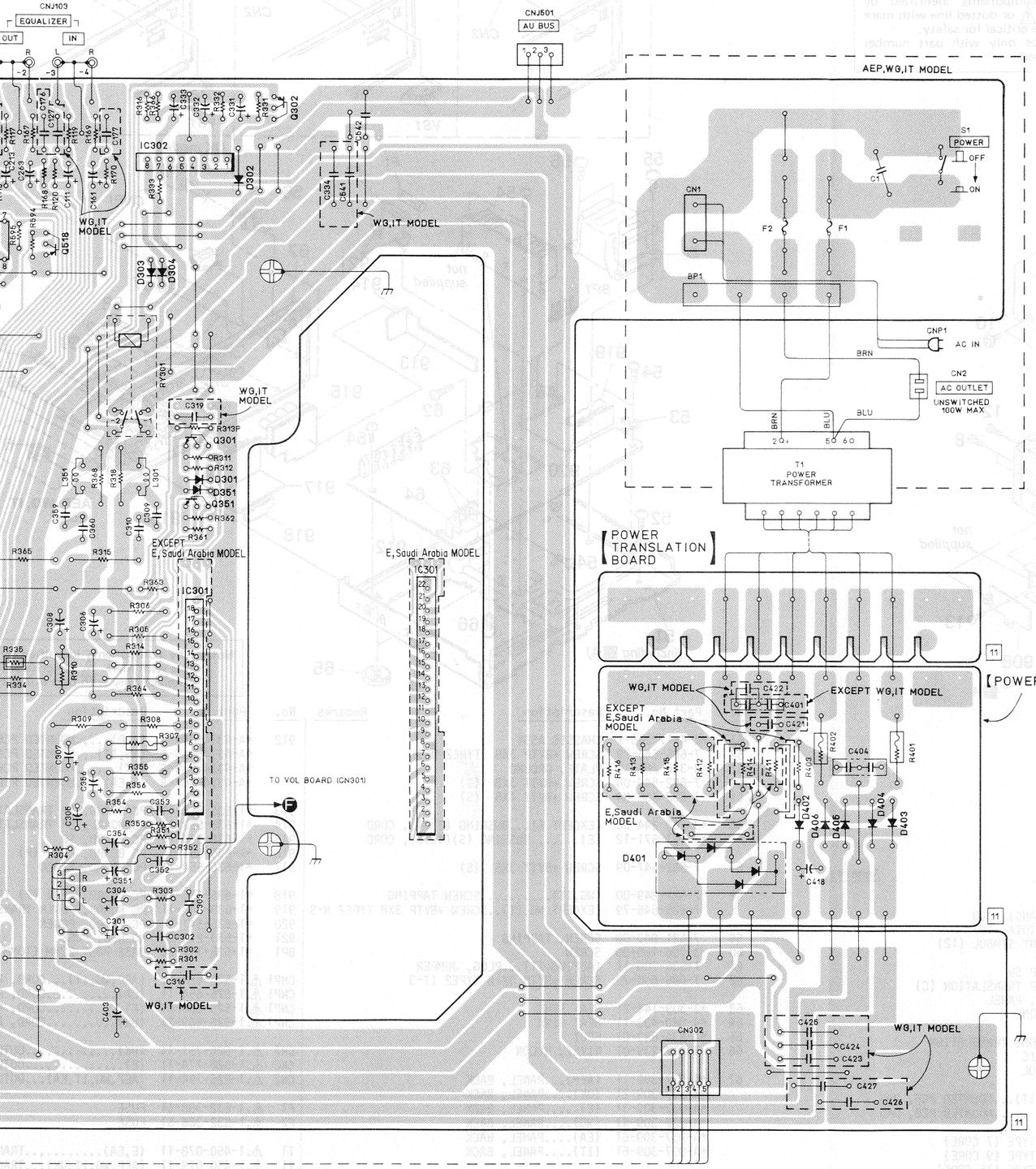
Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

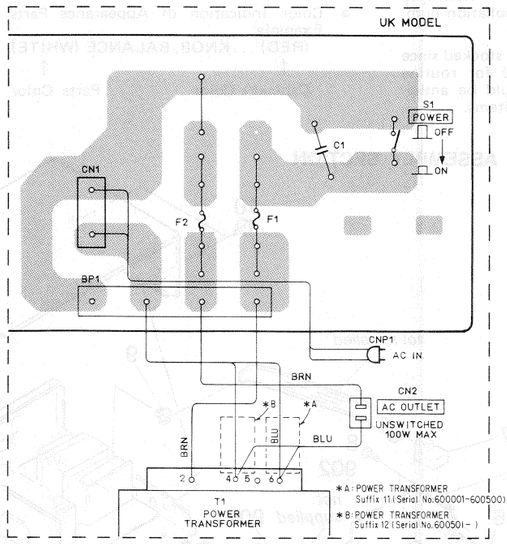
- **B+** : B + Line.
- **B−** : B − Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (Input impedance 10 MΩ).
  Voltage variations may be noted due to normal production tolerances.
- Wavefroms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to wavefroms.
- Signal path.
  ⇨ : VIDEO (SOUND)
  ⇨ : PHONO
  Σ : DIGITAL

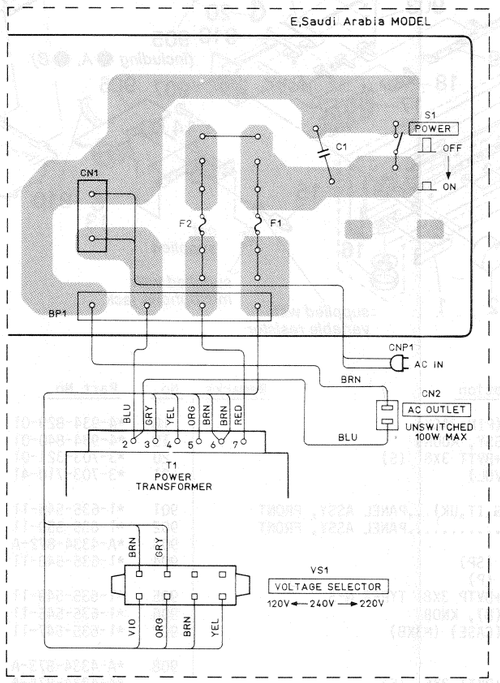

【SP BOARD】
【SP TRANSLATION (A) BOARD】
【SP TRANSLATION (B) BOARD】
【SP TRANSLATION (C) BOARD】
【SP SW BOARD】
【REAR (P) BOARD】
【REAR (P) TRANSLATION BOARD】
【VIDEO BOARD】
【MIC BOARD】
【MAIN BOARD】
J301 SURROUND SPEAKER (IMPEDANCE USE 8-16Ω)
TM301 SPEAKER (IMPEDANCE USE 6-16Ω)
WG,IT MODEL
EXCEPT WG,IT MODEL
MONITOR OUT
VIDEO1/CD
VIDEO2/DAT
DBS IN
CNJ101 PHONO IN
CNJ101 DAT OUT
CNJ102 TUNER IN
CNJ102 TAPE
S301 SPEAKERS
CNJ309 HEADPHONES
RV201 MIC LEVEL
CNJ106 MIC
CNJ703 VIDEO3 INPUT
TO DAS BOARD (CN651)
TO PANNEL BOARD (CN552)
TO PANNEL BOARD (CN551)
TO TONE BOARD (CN252)

MC-Service


【REAR (P) BOARD】
MONITOR OUT
VIDEO01/CD
VIDEO02/DAT
DBS IN
IN
OUT
BRN
WHT
CN752
VIDEO
AUDIO
L
R
WG,IT MODEL
【VIDEO BOARD】
IC701
IC106
Q701
Q702
Q703
Q519
Q520
【REAR (P) TRANSLATION BOARD】
CN751
【MIC BOARD】
IC206
IC251
CN251
CN702
RV201
MIC LEVEL
CNJ106
MIC
CNJ703
VIDEO3 INPUT
【MAIN BOARD】
CNJ101
PHONO IN
CNJ101
DAT OUT
CNJ102
TUNER IN
CNJ102
TAPE
CNJ103
EQUALIZER
CNJ601
AU BUS
EXCEPT WG,IT MODEL
EXCEPT WG,IT MODEL
IC101
IC102
IC103
IC104
IC105
IC201
IC301
IC302
IC401
IC402
CN601
CN701
CN502
CN201
CN202
CN501
CN402
CN302
TO DAS BOARD (CN651)
TO PANNEL BOARD (CN552)
TO PANNEL BOARD (CN551)
TO TONE BOARD (CN252)
TO VOL BOARD (CN301)
E,Saudi Arabia MODEL
EXCEPT E,Saudi Arabia MODEL
【POWER TRANSLATION BOARD】
T1
POWER TRANSFORMER
BP1
F1
F2
CN1
D301
D303
D304
D351
D401
D402
D406
Q301
Q302
Q351
Q401
Q402
Q516
Q517
Q518
D407
D408
L301
L351
L701
L702
EXCEPT E,Saudi Arabia MODEL
E,Saudi Arabia MODEL







Note:

- ○——— : parts extracted from the component side.

• Semiconductor Location

Ref. No.	Location
D301	E-20
D302	C-20
D303	C-20
D304	C-20
D351	E-20
D401	I-25
D402	H-25
D403	H-26
D404	H-26
D405	H-26
D406	H-26
D407	I-15
D408	I-16
IC101	C-15
IC102	D-16
IC103	F-16
IC104	D-18
IC105	C-18
IC106	E-11
IC201	H-17
IC206	I-9
IC301	G-20
IC302	B-20
IC401	J-16
IC402	J-17
IC403	J-16
IC701	E-9
Q301	E-20
Q302	B-21
Q351	E-20
Q401	J-15
Q402	I-16
Q515	E-18
Q516	E-18
Q517	F-17
Q518	C-19
Q519	E-11
Q520	F-11
Q701	D-9
Q702	E-10
Q703	E-9

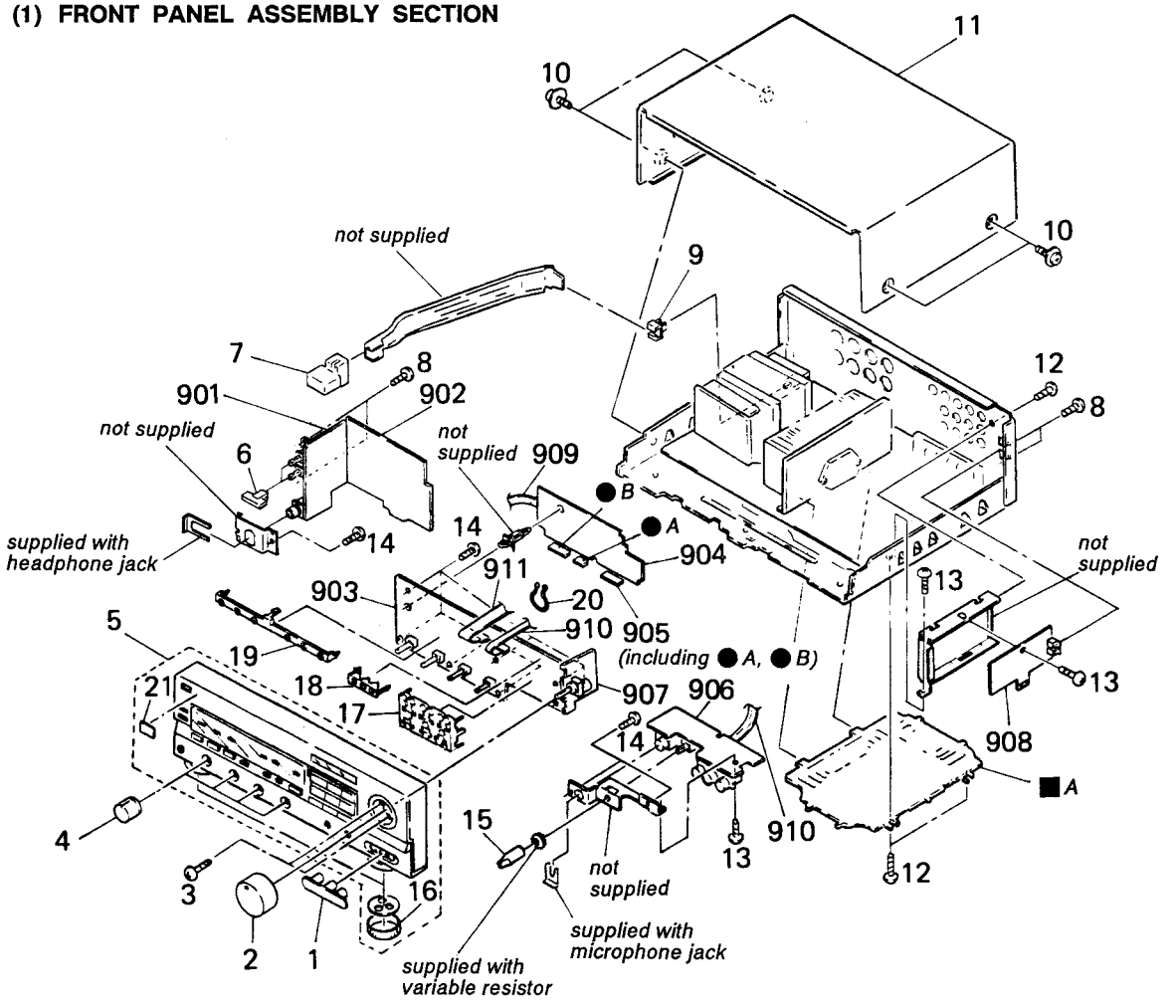
SECTION 3
EXPLODED VIEWS

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts
  Example:
  (RED) . . . KNOB, BALANCE (WHITE)
  ↑ Cabinet's Color ↑ Parts Color

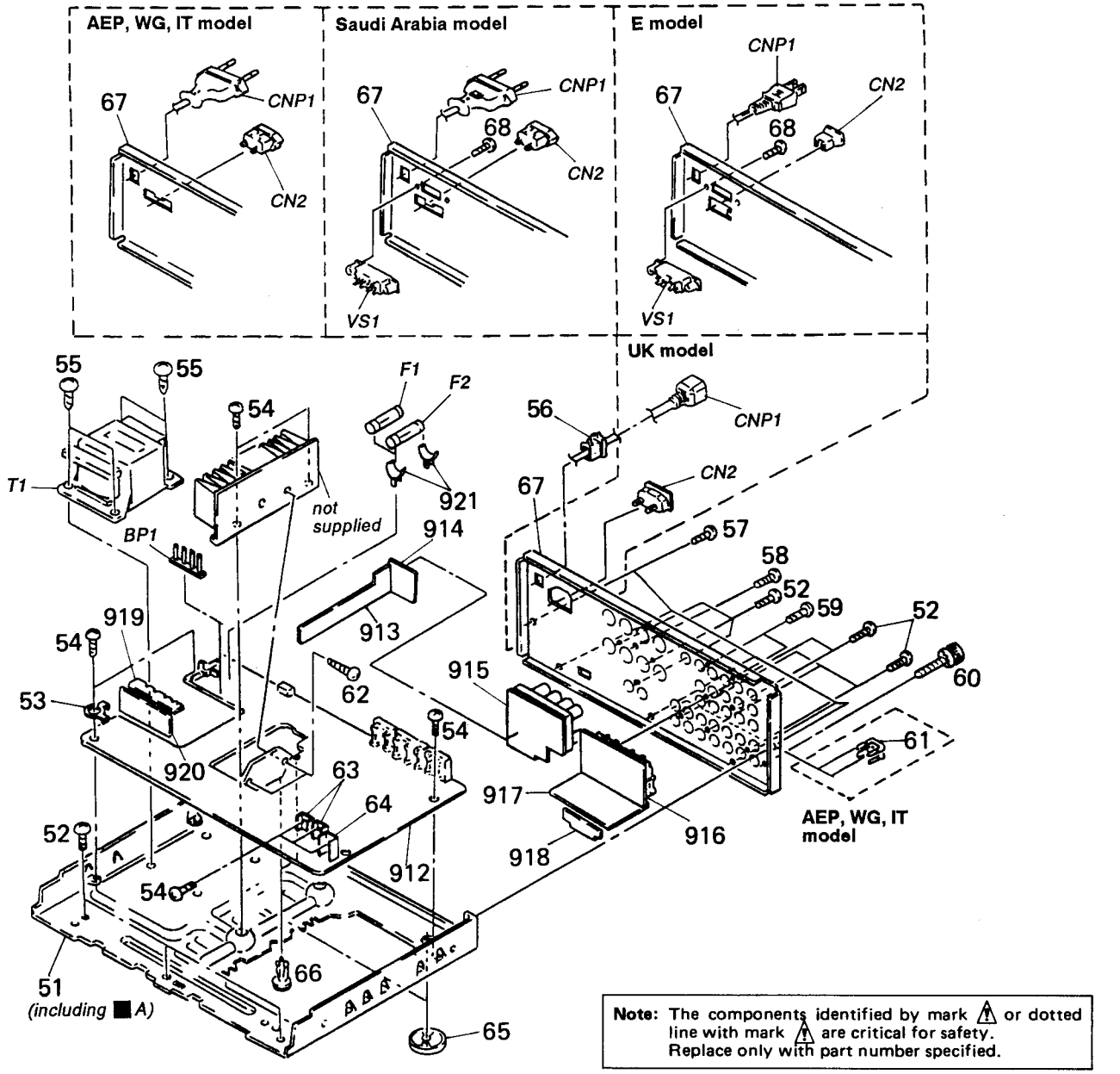
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

(1) FRONT PANEL ASSEMBLY SECTION



No.	Part No.	Description	Remarks
1	*4-937-367-01	COVER (PIN JACK)	
2	X-4917-284-1	KNOB ASSY, ROUND	
3	7-682-548-04	SCREW +BVTT 3X8 (S)	
4	3-349-039-11	KNOB (VOL)	
5	X-4917-296-1	(AEP,WG,IT,UK)...PANEL ASSY, FRONT	
	X-4917-297-1	(E,EA).....PANEL ASSY, FRONT	
6	4-937-308-01	BUTTON (SP)	
7	4-921-919-01	BUTTON (P)	
8	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
9	4-866-342-00	JOINT (B), KNOB	
10	3-704-366-01	SCREW (CASE) (M3X8)	
11	*4-919-379-61	CASE	
12	7-682-547-09	SCREW +BVTT 3X6 (S)	
13	7-682-547-04	SCREW +BVTT 3X6 (S)	
14	4-928-635-01	SCREW, +BV (2.6X8) TAPPING	
15	4-921-921-01	KNOB (M)	
16	4-921-918-01	PLATE, ORNAMENTAL	
17	*4-934-841-01	HOLDER (FU), LED	
18	*4-934-829-01	COVER, LAMP	
19	*4-934-840-01	HOLDER (6 GANG), LED	
20	*3-703-321-01	PURSE LOCK (DIA. 16)	
21	*3-703-710-41	STICKER, SONY SYMBOL (12)	
901	*1-635-546-11	PC BOARD, SP SW	
902	*1-635-550-11	PC BOARD, SP TRANSLATION (C)	
903	*A-4334-872-A	MOUNTED PCB, PANEL	
904	*1-635-548-11	PC BOARD, TONE	
905	*1-635-549-11	PC BOARD, TONE TRANSLATION	
906	*1-635-545-11	PC BOARD, MIC	
907	*1-635-547-11	PC BOARD, VOL	
908	*A-4334-873-A	(EXCEPT WG,IT)...MOUNTED PCB, DAS	
	*A-4334-874-A	(WG,IT).....MOUNTED PCB, DAS	
909	1-575-904-11	WIRE, FLAT TYPE (7 CORE)	
910	1-575-905-11	WIRE, FLAT TYPE (9 CORE)	
911	1-575-906-11	WIRE, FLAT TYPE (15 CORE)	

(2) CHASSIS SECTION



Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

No.	Part No.	Description	Remarks
51	*X-4917-246-1	CHASSIS ASSY	
52	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
53	*3-346-266-12	PLATE, GROUND	
54	7-682-548-04	SCREW +BVTT 3X8 (S)	
55	7-682-560-04	SCREW +BVTT 4X6 (S)	
56	*3-703-244-00	(EXCEPT E)...BUSHING (2104), CORD	
	*3-703-571-12	(E).....BUSHING (S)(4516), CORD	
57	7-682-547-09	SCREW +BVTT 3X6 (S)	
58	7-621-849-00	(WG,IT).....SCREW TAPPING	
	7-685-646-79	(EXCEPT WG,IT)..SCREW +BVTP 3X8 TYPE2 N-S	
59	7-621-849-00	SCREW, TAPPING	
60	3-706-165-00	SCREW	
61	1-535-706-11	(AEP,WG,IT)...PLUG, JUMPER	
62	7-685-650-79	SCREW +BVTP 3X16 TYPE2 IT-3	
63	*3-309-144-21	HEAT SINK	
64	*4-880-403-11	HEAT SINK	
65	*4-934-883-01	FOOT	
66	4-917-239-01	RIVET, NYLON	
67	*4-937-309-11	(AEP)...PANEL, BACK	
	*4-937-309-21	(UK)....PANEL, BACK	
	*4-937-309-31	(E).....PANEL, BACK	
	*4-937-309-41	(WG)....PANEL, BACK	
	*4-937-309-51	(EA)....PANEL, BACK	
	*4-937-309-61	(IT)....PANEL, BACK	
68	7-685-534-19	(E,EA)...SCREW +BTP 2.6X8 TYPE2 N-S	

No.	Part No.	Description	Remarks
912	*A-4334-864-A	(AEP).....MOUNTED PCB, MAIN	
	*A-4334-865-A	(WG,IT)...MOUNTED PCB, MAIN	
	*A-4334-866-A	(UK).....MOUNTED PCB, MAIN	
	*A-4334-867-A	(E,EA)....MOUNTED PCB, MAIN	
913	*1-635-553-11	PC BOARD, SP TRANSLATION (B)	
914	*1-635-552-11	PC BOARD, SP TRANSLATION (A)	
915	*1-635-556-11	PC BOARD, SP	
916	*1-635-551-11	PC BOARD, REAR (P)	
917	*1-635-554-11	PC BOARD, VIDEO	
918	*1-635-555-11	PC BOARD, REAR (P) TRANSLATION	
919	*1-635-542-11	PC BOARD, POWER TRANSLATION	
920	*1-635-541-11	PC BOARD, POWER	
921	*1-533-213-31	HOLDER, FUSE	
BP1	*1-535-141-00	BASE POST 22MM (10MM PITCH) 4P	
CNP1	⚠1-575-651-11	(AEP,WG,IT)...CORD, POWER	
CNP1	⚠1-575-654-11	(EA).....CORD, POWER	
CNP1	⚠1-575-656-11	(E).....CORD, POWER	
CNP1	⚠1-575-669-21	(UK).....CORD, POWER	
CN2	⚠1-526-751-11	(UK).....OUTLET, AC	
CN2	⚠1-526-774-11	(E).....OUTLET, AC	
CN2	⚠1-526-794-11	(AEP,WG,IT,EA)...OUTLET, AC	
F1	⚠1-532-388-51	FUSE	
F2	⚠1-532-388-51	FUSE	
T1	⚠1-450-078-11	(E,EA).....TRANSFORMER, POWER	
T1	⚠1-450-079-11	(AEP,WG,IT,UK)...TRANSFORMER, POWER	
VS1	⚠1-570-307-11	(E,EA)...SWITCH, VOLTAGE CHANGE	

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SECTION 4
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF: μF, PF: μμF.

RESISTORS
- All resistors are in ohms.
- F: nonflammable

COILS
- MMH: mH, UH: μH

SEMICONDUCTORS
In each case, U: μ, for example:
UA...: μA..., UPA...: μPA...,
UPC...: μPC, UPD...: μPD...

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref.No.	Part No.	Description
901	*1-635-546-11	PC BOARD, SP SW
902	*1-635-550-11	PC BOARD, SP TRANSLATION (C)
903	*A-4334-872-A	MOUNTED PCB, PANEL
904	*1-635-548-11	PC BOARD, TONE
905	*1-635-549-11	PC BOARD, TONE TRANSLATION
906	*1-635-545-11	PC BOARD, MIC
907	*1-635-547-11	PC BOARD, VOL
908	*A-4334-873-A	(EXCEPT WG,IT)...MOUNTED PCB, DAS
	*A-4334-874-A	(WG,IT).....MOUNTED PCB, DAS
909	1-575-904-11	WIRE, FLAT TYPE (7 CORE)
910	1-575-905-11	WIRE, FLAT TYPE (9 CORE)
911	1-575-906-11	WIRE, FLAT TYPE (15 CORE)
912	*A-4334-864-A	(AEP).....MOUNTED PCB, MAIN
	*A-4334-865-A	(WG,IT)...MOUNTED PCB, MAIN
	*A-4334-866-A	(UK).....MOUNTED PCB, MAIN
	*A-4334-867-A	(E,EA)....MOUNTED PCB, MAIN
913	*1-635-553-11	PC BOARD, SP TRANSLATION (B)
914	*1-635-552-11	PC BOARD, SP TRANSLATION (A)
915	*1-635-556-11	PC BOARD, SP
916	*1-635-551-11	PC BOARD, REAR (P)
917	*1-635-554-11	PC BOARD, VIDEO
918	*1-635-555-11	PC BOARD, REAR (P) TRANSLATION
919	*1-635-542-11	PC BOARD, POWER TRANSLATION
920	*1-635-541-11	PC BOARD, POWER
921	*1-533-213-31	HOLDER, FUSE
BP1	*1-535-141-00	BASE POST 22MM (10MM PITCH) 4P
C1	1-161-744-00	CERAMIC 0.01MF 400V
C101	1-126-161-11	ELECT 2.2MF 20% 50V
C102	1-110-335-11	MYLAR 100PF 5% 50V
C103	1-162-219-31	CERAMIC 68PF 5% 50V
C104	1-126-022-11	ELECT 47MF 20% 16V
C105	1-130-480-00	MYLAR 0.0056MF 5% 50V
C106	1-130-473-00	MYLAR 0.0015MF 5% 50V
C107	1-124-464-11	ELECT 0.22MF 20% 50V
C108	1-126-022-11	ELECT 47MF 20% 16V
C109	1-126-233-11	ELECT 22MF 20% 50V
C110	1-126-233-11	ELECT 22MF 20% 50V
C111	1-126-233-11	ELECT 22MF 20% 50V
C121	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C122	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C123	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C124	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C125	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C126	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C127	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C131	1-126-233-11	ELECT 22MF 20% 50V
C132	1-126-233-11	ELECT 22MF 20% 50V
C133	1-126-233-11	ELECT 22MF 20% 50V
C134	1-126-233-11	ELECT 22MF 20% 50V
C141	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C142	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C143	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C144	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C145	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C146	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C151	1-126-161-11	ELECT 2.2MF 20% 50V
C152	1-110-335-11	MYLAR 100PF 5% 50V
C153	1-162-219-31	CERAMIC 68PF 5% 50V
C154	1-126-022-11	ELECT 47MF 20% 16V
C155	1-130-480-00	MYLAR 0.0056MF 5% 50V
C156	1-130-473-00	MYLAR 0.0015MF 5% 50V
C157	1-124-464-11	ELECT 0.22MF 20% 50V
C158	1-126-022-11	ELECT 47MF 20% 16V
C159	1-126-233-11	ELECT 22MF 20% 50V
C160	1-126-233-11	ELECT 22MF 20% 50V
C161	1-126-233-11	ELECT 22MF 20% 50V
C171	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C172	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C173	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C174	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C175	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C176	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C177	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C181	1-126-233-11	ELECT 22MF 20% 50V
C182	1-126-233-11	ELECT 22MF 20% 50V
C183	1-126-233-11	ELECT 22MF 20% 50V
C184	1-126-233-11	ELECT 22MF 20% 50V
C191	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C192	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C193	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C194	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C195	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C196	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C201	1-126-161-11	ELECT 2.2MF 20% 50V
C202	1-130-471-00	MYLAR 0.001MF 5% 50V
C203	1-101-888-00	CERAMIC 68PF 5% 50V
C204	1-110-339-11	MYLAR 220PF 5% 50V
C205	1-136-165-00	FILM 0.1MF 5% 50V
C206	1-101-888-00	CERAMIC 68PF 5% 50V

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Ref.No.	Part No.	Description
C207	1-110-339-11	MYLAR 220PF 5% 50V
C208	1-136-165-00	FILM 0.1MF 5% 50V
C209	1-124-963-11	ELECT 33MF 20% 16V
C210	1-124-963-11	ELECT 33MF 20% 16V
C211	1-126-233-11	ELECT 22MF 20% 50V
C212	1-102-947-00	CERAMIC 10PF 0.5PF 50V
C213	1-126-233-11	ELECT 22MF 20% 50V
C221	1-130-473-00	MYLAR 0.0015MF 5% 50V
C222	1-101-888-00	CERAMIC 68PF 5% 50V
C223	1-136-154-00	FILM 0.012MF 5% 50V
C224	1-136-154-00	FILM 0.012MF 5% 50V
C225	1-110-335-11	MYLAR 100PF 5% 50V
C226	1-136-169-00	FILM 0.22MF 5% 50V
C227	1-136-161-00	FILM 0.047MF 5% 50V
C228	1-126-233-11	ELECT 22MF 20% 50V
C229	1-126-300-11	ELECT 0.47MF 20% 50V
C231	1-126-022-11	ELECT 47MF 20% 16V
C251	1-162-286-31	(WG,IT)...CERAMIC 220PF 10% 50V
C261	1-126-233-11	ELECT 22MF 20% 50V
C262	1-102-947-00	CERAMIC 10PF 0.5PF 50V
C263	1-126-233-11	ELECT 22MF 20% 50V
C271	1-130-473-00	MYLAR 0.0015MF 5% 50V
C272	1-101-888-00	CERAMIC 68PF 5% 50V
C273	1-136-154-00	FILM 0.012MF 5% 50V
C274	1-136-154-00	FILM 0.012MF 5% 50V
C275	1-110-335-11	MYLAR 100PF 5% 50V
C276	1-136-169-00	FILM 0.22MF 5% 50V
C277	1-136-161-00	FILM 0.047MF 5% 50V
C278	1-126-233-11	ELECT 22MF 20% 50V
C279	1-126-300-11	ELECT 0.47MF 20% 50V
C281	1-126-022-11	ELECT 47MF 20% 16V
C301	1-126-233-11	ELECT 22MF 20% 50V
C302	1-110-335-11	(EXCEPT WG,IT) ...FILM 100PF 5% 50V
C302	1-110-339-11	(WG,IT)...FILM 220PF 5% 50V
C303	1-110-335-11	(EXCEPT WG,IT) ...FILM 100PF 5% 50V
C303	1-110-339-11	(WG,IT)...FILM 220PF 5% 50V
C304	1-126-101-11	ELECT 220MF 20% 10V
C305	1-124-122-11	(EXCEPT E,EA).ELECT 100MF 20% 50V
C305	1-126-877-11	(E,EA)...ELECT 100MF 20% 63V
C306	1-124-910-11	ELECT 47MF 20% 35V
C307	1-126-233-11	(EXCEPT E,EA)..ELECT 22MF 20% 50V
C307	1-126-877-11	(E,EA).....ELECT 22MF 20% 63V
C308	1-124-122-11	(EXCEPT E,EA)...ELECT 100MF 20% 50V
C308	1-126-880-11	(E,EA).....ELECT 100MF 20% 63V
C309	1-136-163-00	FILM 0.068MF 5% 50V
C310	1-136-163-00	FILM 0.068MF 5% 50V
C316	1-161-494-00	(WG,IT)...CERAMIC 0.022MF 25V
C319	1-161-377-00	(WG,IT)...CERAMIC 0.0047MF 30% 16V
C321	1-136-163-00	(WG,IT)...FILM 0.068MF 5% 50V
C322	1-136-163-00	(WG,IT)...FILM 0.068MF 5% 50V
C323	1-136-163-00	(WG,IT)...FILM 0.068MF 5% 50V
C324	1-136-163-00	(WG,IT)...FILM 0.068MF 5% 50V
C325	1-136-163-00	(WG,IT)...FILM 0.068MF 5% 50V
C326	1-136-163-00	(WG,IT)...FILM 0.068MF 5% 50V
C327	1-136-163-00	(WG,IT)...FILM 0.068MF 5% 50V
C328	1-136-163-00	(WG,IT)...FILM 0.068MF 5% 50V
C331A	1-124-587-11	ELECT 220MF 20% 6.3V
C331	1-161-494-00	(WG,IT)....CERAMIC 22000P 30% 25V

Ref.No.	Part No.	Description
C332A	1-124-587-11	ELECT 220MF 20% 6.3V
C332	1-161-494-00	(WG,IT)....CERAMIC 22000P 30% 25V
C333	1-124-443-00	ELECT 100MF 20% 6.3V
C334	1-161-494-00	(WG,IT)...CERAMIC 0.022MF 25V
C351	1-126-233-11	ELECT 22MF 20% 50V
C352	1-110-335-11	(EXCEPT WG,IT) ...FILM 100PF 5% 50V
C352	1-110-339-11	(WG,IT)...MYLAR 220PF 5% 50V
C353	1-110-335-11	(EXCEPT WG,IT) ...FILM 100PF 5% 50V
C353	1-110-339-11	(WG,IT)...MYLAR 220MF 5% 50V
C354	1-126-101-11	ELECT 220MF 20% 10V
C356	1-124-910-11	ELECT 47MF 20% 35V
C359	1-136-163-00	FILM 0.068MF 5% 50V
C360	1-136-163-00	FILM 0.068MF 5% 50V
C401	1-102-394-11	(EXCEPT WG,IT) ...CERAMIC 0.01MF 250V
C402	1-126-976-11	(AEP,UK,WG,IT) ...ELECT 4700MF 20% 50V
C402	1-128-095-11	(E,EA)...CERAMIC 4700MF 20% 56V
C403	1-126-976-11	(AEP,UK,WG,IT) ...ELECT 4700MF 20% 50V
C403	1-128-095-11	(E,EA)...CERAMIC 4700MF 20% 56V
C404	1-102-394-11	CERAMIC 0.01MF 250V
C406	1-124-962-11	ELECT 2200MF 20% 25V
C407	1-124-962-11	ELECT 2200MF 20% 25V
C409	1-126-101-11	ELECT 100MF 20% 10V
C410	1-126-101-11	ELECT 100MF 20% 10V
C411	1-161-494-00	CERAMIC 0.022MF 25V
C412	1-124-463-00	ELECT 0.1MF 20% 50V
C413	1-161-494-00	CERAMIC 0.022MF 25V
C414	1-126-022-11	ELECT 47MF 20% 10V
C415	1-136-159-00	FILM 0.033MF 5% 50V
C416	1-136-159-00	FILM 0.033MF 5% 50V
C418	1-126-059-11	ELECT 10MF 20% 50V
C419	1-136-165-00	FILM 0.1MF 5% 50V
C420	1-136-165-00	FILM 0.1MF 5% 50V
C421	1-130-491-00	(WG,IT)...MYLAR 0.047MF 5% 50V
C422	1-130-491-00	(WG,IT)...MYLAR 0.047MF 5% 50V
C423	1-161-377-00	(WG,IT)...CERAMIC 0.0047MF 20% 50V
C424	1-161-377-00	(WG,IT)...CERAMIC 0.0047MF 20% 50V
C425	1-161-377-00	(WG,IT)...CERAMIC 0.0047MF 20% 50V
C426	1-161-377-00	(WG,IT)...CERAMIC 0.0047MF 20% 50V
C427	1-161-377-00	(WG,IT)...CERAMIC 0.0047MF 20% 50V
C501	1-161-494-00	CERAMIC 0.022MF 25V
C502	1-124-443-00	ELECT 100MF 20% 6.3V
C503	1-161-494-00	CERAMIC 0.022MF 25V
C504	1-136-169-00	FILM 0.22MF 5% 50V
C505	1-124-443-00	ELECT 100MF 20% 6.3V
C506	1-161-494-00	CERAMIC 0.022MF 25V
C507	1-125-486-11	DOUBLE LAYERS 0.22F 5.5V
C508	1-161-494-00	CERAMIC 0.022MF 25V
C509	1-161-494-00	CERAMIC 0.022MF 25V
C541	1-162-291-31	(WG,IT)...CERAMIC 560PF 10% 50V
C542	1-161-404-00	CERAMIC 0.022MF 30% 25V
C601	1-136-165-00	FILM 0.1MF 5% 50V
C602	1-126-059-11	ELECT 10MF 20% 50V
C603	1-136-165-00	FILM 0.1MF 5% 50V
C604	1-126-059-11	ELECT 10MF 20% 50V

Ref.No.	Part No.	Description			
C605	1-136-153-00	FILM	0.01MF	5%	50V
C606	1-126-059-11	ELECT	10MF	20%	50V
C607	1-136-165-00	FILM	0.1MF	5%	50V
C608	1-126-059-11	ELECT	10MF	20%	50V
C609	1-136-153-00	FILM	0.01MF	5%	50V
C610	1-124-587-11	ELECT	220MF	20%	6.3V
C611	1-136-153-00	FILM	0.01MF	5%	50V
C612	1-136-153-00	FILM	0.01MF	5%	50V
C613	1-136-165-00	FILM	0.1MF	5%	50V
C614	1-126-059-11	ELECT	10MF	20%	50V
C615	1-162-199-31	CERAMIC	10PF	5%	50V
C616	1-130-471-00	MYLAR	0.001MF	5%	50V
C617	1-136-153-00	FILM	0.01MF	5%	50V
C618	1-164-159-11	CERAMIC	0.1MF		50V
C619	1-136-169-00	FILM	0.22MF	5%	50V
C620	1-130-479-00	MYLAR	0.0047MF	5%	50V
C621	1-164-019-11	CERAMIC	10PF	0.5PF	50V
C622	1-164-159-11	CERAMIC	0.1MF		50V
C623	1-124-587-11	ELECT	220MF	20%	6.3V
C624	1-164-159-11	CERAMIC	0.1MF		50V
C625	1-164-027-11	CERAMIC	22PF	5%	50V
C626	1-164-027-11	CERAMIC	22PF	5%	50V
C627	1-164-159-11	CERAMIC	0.1MF		50V
C628	1-136-153-00	FILM	0.01MF	5%	50V
C629	1-124-587-11	ELECT	220MF	20%	6.3V
C630	1-136-165-00	FILM	0.1MF	5%	50V
C631	1-136-165-00	FILM	0.1MF	5%	50V
C632	1-126-023-11	ELECT	100MF	20%	16V
C633	1-126-023-11	ELECT	100MF	20%	16V
C634	1-124-587-11	ELECT	220MF	20%	6.3V
C635	1-124-587-11	ELECT	220MF	20%	6.3V
C636	1-130-481-00	MYLAR	0.0068MF	5%	50V
C637	1-130-475-00	MYLAR	0.0022MF	5%	50V
C638	1-124-963-11	ELECT	33MF	20%	10V
C639	1-124-963-11	ELECT	33MF	20%	10V
C640	1-126-233-11	ELECT	22MF	20%	50V
C641	1-136-159-00	FILM	0.033MF	5%	50V
C642	1-126-301-11	ELECT	1MF	20%	50V
C643	1-130-468-00	MYLAR	560PF	5%	50V
C649	1-161-045-00	CERAMIC	0.0033MF	20%	50V
C686	1-130-481-00	MYLAR	0.0068MF	5%	50V
C687	1-130-475-00	MYLAR	0.0022MF	5%	50V
C690	1-126-233-11	ELECT	22MF	20%	50V
C691	1-136-159-00	FILM	0.033MF	5%	50V
C692	1-126-301-11	ELECT	1MF	20%	50V
C693	1-130-468-00	MYLAR	560PF	5%	50V
C701	1-126-059-11	ELECT	10MF	20%	50V
C702	1-124-471-00	ELECT	1000MF	20%	6.3V
C703	1-126-059-11	ELECT	10MF	20%	50V
C704	1-124-471-00	ELECT	1000MF	20%	6.3V
C705	1-126-059-11	ELECT	10MF	20%	50V
C706	1-124-471-00	ELECT	1000MF	20%	6.3V
C707	1-126-059-11	ELECT	10MF	20%	50V
C708	1-124-443-00	ELECT	100MF	20%	6.3V
C709	1-161-494-00	CERAMIC	0.022MF		25V
CN1	*1-564-321-00	PIN, CONNECTOR 2P			
CN2	⚠1-526-751-11	(UK).....OUTLET, AC			
CN2	⚠1-526-774-11	(E).....OUTLET, AC			
CN2	⚠1-526-794-11	(AEP,WG,IT,EA)...OUTLET, AC			

Ref.No.	Part No.	Description
CN201	*1-568-828-11	SOCKET, CONNECTOR 9P
CN202	*1-568-826-11	SOCKET, CONNECTOR 7P
CN203	*1-564-340-00	PIN, CONNECTOR 6P
CN251	*1-568-828-11	SOCKET, CONNECTOR 9P
CN252	*1-568-826-11	SOCKET, CONNECTOR 7P
CN253	*1-564-499-11	PIN, CONNECTOR 6P
CN301	*1-564-506-11	PLUG, CONNECTOR 3P
CN302	*1-565-970-11	SOCKET, CONNECTOR(PC BOARD) 5P
CN304	*1-564-599-11	PIN, CONNECTOR 8P
CN352	*1-565-967-11	PIN, CONNECTOR (PC BOARD) 5P
CN353	1-569-656-11	HOUSING, CONNECTOR 8P
CN354	*1-562-573-11	SOCKET, CONNECTOR 8P
CN355	*1-564-519-11	PLUG, CONNECTOR 4P
CN501	*1-568-828-11	SOCKET, CONNECTOR 9P
CN502	*1-568-834-11	SOCKET, CONNECTOR 15P
CN551	*1-568-828-11	SOCKET, CONNECTOR 9P
CN552	*1-568-834-11	SOCKET, CONNECTOR 15P
CN601	*1-565-969-11	PIN, CONNECTOR (PC BOARD) 13P
CN651	*1-565-972-11	SOCKET, CONNECTOR(PC BOARD)13P
CN701	*1-564-346-00	CONNECTOR, BOARD TO BOARD 18P
CN702	*1-564-505-11	PLUG, CONNECTOR 2P
CN751	*1-562-370-00	CONNECTOR, BOARD TO BOARD 18P
CN752	*1-564-517-11	PLUG, CONNECTOR 2P
CNJ101	1-565-258-11	JACK, PIN 4P
CNJ102	1-565-320-11	JACK, PIN 6P
CNJ103	1-565-258-11	JACK, PIN 4P
CNJ104	1-565-303-11	JACK, PIN 6P
CNJ105	1-565-304-11	JACK, PIN 4P
CNJ106	1-569-081-11	JACK, LARGE TYPE 1P
CNJ301	1-568-572-11	JACK, PIN 2P
CNJ309	1-507-796-71	JACK (HEADPHONES)
CNJ501	*1-565-561-11	PIN, CONNECTOR 3P
CNJ701	1-565-933-11	JACK, PIN 3P
CNJ702	1-565-933-11	JACK, PIN 3P
CNJ703	1-563-136-61	JACK, PIN 3P
CNP1	⚠1-575-651-11	(AEP,WG,IT)...CORD, POWER
CNP1	⚠1-575-654-11	(EA).....CORD, POWER
CNP1	⚠1-575-656-11	(E).....CORD, POWER
CNP1	⚠1-575-669-21	(UK).....CORD, POWER
D301	8-719-912-20	DIODE 1SS120
D302	8-719-912-20	DIODE 1SS120
D303	8-719-912-20	DIODE 1SS120
D304	8-719-912-20	DIODE 1SS120
D351	8-719-912-20	DIODE 1SS120
D401	8-719-302-38	DIODE RBV-602-01
D402	8-719-912-20	DIODE 1SS120
D403	8-719-200-77	DIODE 10E2N
D404	8-719-200-77	DIODE 10E2N
D405	8-719-200-77	DIODE 10E2N
D406	8-719-200-77	DIODE 10E2N
D407	8-719-912-20	DIODE 1SS120
D408	8-719-912-20	DIODE 1SS120
D501	8-719-912-20	DIODE 1SS120
D502	8-719-192-20	DIODE 1SS120
D503	8-719-912-20	DIODE 1SS120
D504	8-719-912-20	DIODE 1SS120
D505	8-719-912-20	DIODE 1SS120

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref.No.	Part No.	Description
D506	8-719-912-20	DIODE 1SS120
D511	8-719-301-38	LED SEL2210S-C (EQ REC)
D512	8-719-303-00	LED SEL2510C (DIGITAL DIRECT)
D513	8-719-301-38	LED SEL2210S-C (3)
D514	8-719-301-38	LED SEL2210S-C (2)
D515	8-719-301-38	LED SEL2210S-C (1)
D516	8-719-301-38	LED SEL2210S-C (VIDEO 3)
D517	8-719-301-38	LED SEL2210S-C (VIDEO 2/DAT)
D518	8-719-301-38	LED SEL2210S-C (VIDEO 1/CD)
D519	8-719-301-38	LED SEL2210S-C (DBS)
D520	8-719-301-38	LED SEL2210S-C (TAPE)
D521	8-719-301-38	LED SEL2210S-C (TUNER)
D522	8-719-301-38	LED SEL2210S-C (PHONO)
D523	8-719-301-38	LED SEL2210S-C (DAT)
D524	8-719-301-38	LED SEL2210S-C (CD)
D525	8-719-303-00	LED SEL2510C (VIDEO 3)
D526	8-719-303-00	LED SEL2510C (VIDEO 2/DAT)
D527	8-719-303-00	LED SEL2510C (VIDEO 1/CD)
D528	8-719-303-00	LED SEL2510C (DBS)
D529	8-719-302-75	LED SEL2210W-D (48kHz)
D530	8-719-301-38	LED SEL2210S-C (DBFB/SAT)
D531	8-719-302-75	LED SEL2210W-D (44.1kHz)
D532	8-719-302-75	LED SEL2210W-D (32kHz)
D541	8-719-912-20	DIODE 1SS120
D542	8-719-912-20	DIODE 1SS120
D543	8-719-912-20	DIODE 1SS120
D544	8-719-912-20	DIODE 1SS120
D545	8-719-912-20	DIODE 1SS120
D546	8-719-912-20	DIODE 1SS120
D601	8-719-912-20	DIODE 1SS120
F1	⚠1-532-388-51	FUSE
F2	⚠1-532-388-51	FUSE
IC101	8-759-600-02	IC M5218L
IC102	8-759-208-08	IC TC4052BPHB
IC103	8-759-208-08	IC TC4052BPHB
IC104	8-759-800-37	IC LC4066BH
IC105	8-759-800-37	IC LC4066BH
IC106	8-759-800-37	IC LC4066BH
IC201	8-759-600-02	IC M5218L
IC202	8-759-601-02	IC M5218P
IC203	8-759-601-02	IC M5218P
IC204	8-759-800-37	IC LC4066BH
IC205	8-759-800-37	IC LC4066BH
IC206	8-759-601-02	IC M5218P
IC301	8-749-900-34	(AEP,UK,WG,IT)...IC STK4182MK2
IC301	8-749-920-90	(E,EA).....IC STK4201MK2
IC302	8-759-111-68	IC UPC1237HA
IC401	8-759-982-10	IC RC7809FA
IC402	8-759-604-49	IC M5F7909L
IC403	8-759-820-13	IC L78MR06
IC501	8-759-149-00	IC UPD75104CW-212
IC502	8-759-820-62	IC LB1639
IC601	8-759-921-17	IC SN74HC153N
IC602	8-759-601-02	IC M5218P
IC603	8-759-994-60	IC CXD2900Q
IC604	8-752-334-06	IC CXD2551P

Ref.No.	Part No.	Description
IC605	8-759-605-44	IC M74HC6004P
IC606	8-759-995-24	IC PCM61P
IC607	8-759-601-02	IC M5218P
IC608	8-759-982-21	IC RC78L05A
IC609	8-759-982-44	IC RC79L05A
IC610	8-749-921-90	IC RFB011R (DIGITAL IN OPTICAL)
IC611	8-749-921-90	IC RFB011R (DIGITAL IN OPTICAL)
IC656	8-759-995-24	IC PCM61P
IC701	8-759-991-77	IC BA7625
L301	*1-420-872-00	COIL, AIR CORE
L351	*1-420-872-00	COIL, AIR CORE
L601	1-410-517-11	INDUCTOR 47UH
L602	1-410-517-11	INDUCTOR 47UH
L603	1-410-324-11	INDUCTOR 4.7UH
L604	1-410-324-11	INDUCTOR 4.7UH
L605	1-410-324-11	INDUCTOR 4.7UH
L606	1-410-324-11	INDUCTOR 4.7UH
L607	1-410-324-11	INDUCTOR 4.7UH
L608	1-410-324-11	INDUCTOR 4.7UH
L701	1-410-521-11	INDUCTOR 100UH
Q201	8-729-620-05	TRANSISTOR 2SC2603-EF
Q202	8-729-141-26	TRANSISTOR 2SC3622A-LK
Q251	8-729-620-05	TRANSISTOR 2SC2603-EF
Q252	8-729-141-26	TRANSISTOR 2SC3622A-LK
Q301	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA
Q302	8-729-900-63	TRANSISTOR DTA124ES
Q351	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA
Q401	8-729-209-15	TRANSISTOR 2SD2012
Q402	8-729-620-05	TRANSISTOR 2SC2603-EF
Q501	8-729-620-05	TRANSISTOR 2SC2603-EF
Q502	8-729-900-63	TRANSISTOR DTA124ES
Q503	8-729-900-63	TRANSISTOR DTA124ES
Q504	8-729-900-63	TRANSISTOR DTA124ES
Q505	8-729-900-63	TRANSISTOR DTA124ES
Q511	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q512	8-729-620-05	TRANSISTOR 2SC2603-EF
Q513	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q514	8-729-900-36	TRANSISTOR DTC124ES
Q515	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q516	8-729-900-36	TRANSISTOR DTC124ES
Q517	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q518	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q519	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q520	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q530	8-729-900-63	TRANSISTOR DTA124ES
Q531	8-729-900-63	TRANSISTOR DTA124ES
Q601	8-729-900-89	TRANSISTOR DTC144ES
Q602	8-729-900-36	TRANSISTOR DTC124ES
Q603	8-729-900-36	TRANSISTOR DTC124ES
Q604	8-729-900-36	TRANSISTOR DTC124ES
Q605	8-729-900-63	TRANSISTOR DTA124ES
Q606	8-729-900-63	TRANSISTOR DTA124ES
Q607	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q608	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q657	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q658	8-729-141-30	TRANSISTOR 2SC3623A-LK

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Replace only with part number specified.

MC-Service

Ref.No.	Part No.	Description			
Q701	8-729-119-77	TRANSISTOR 2SA1175-FEK			
Q702	8-729-119-77	TRANSISTOR 2SA1175-FEK			
Q703	8-729-119-77	TRANSISTOR 2SA1175-FEK			
R101	1-249-441-11	CARBON	100K	5%	1/4W
R102	1-249-417-11	CARBON	1K	5%	1/4W
R103	1-249-441-11	CARBON	100K	5%	1/4W
R104	1-249-416-11	CARBON	820	5%	1/4W
R105	1-247-897-11	CARBON	560K	5%	1/4W
R106	1-249-437-11	CARBON	47K	5%	1/4W
R107	1-249-441-11	CARBON	100K	5%	1/4W
R108	1-249-410-11	CARBON	270	5%	1/4W
R109	1-249-424-11	CARBON	3.9K	5%	1/4W
R110	1-247-903-00	CARBON	1M	5%	1/4W
R111	1-249-417-11	CARBON	1K	5%	1/4W
R112	1-247-903-00	CARBON	1M	5%	1/4W
R113	1-249-424-11	CARBON	3.9K	5%	1/4W
R114	1-247-903-00	CARBON	1M	5%	1/4W
R115	1-249-417-11	CARBON	1K	5%	1/4W
R116	1-247-903-00	CARBON	1M	5%	1/4W
R117	1-249-413-11	CARBON	470	5%	1/4W
R118	1-247-903-00	CARBON	1M	5%	1/4W
R119	1-249-417-11	CARBON	1K	5%	1/4W
R120	1-247-903-00	CARBON	1M	5%	1/4W
R126	1-249-417-11	(WG,IT)...CARBON	1K	5%	1/4W
R131	1-249-417-11	CARBON	1K	5%	1/4W
R132	1-247-903-00	CARBON	1M	5%	1/4W
R133	1-247-903-00	CARBON	1M	5%	1/4W
R134	1-249-424-11	CARBON	3.9K	5%	1/4W
R135	1-249-417-11	CARBON	1K	5%	1/4W
R136	1-247-903-00	CARBON	1M	5%	1/4W
R137	1-247-903-00	CARBON	1M	5%	1/4W
R138	1-249-424-11	CARBON	3.9K	5%	1/4W
R139	1-249-417-11	CARBON	1K	5%	1/4W
R140	1-247-903-00	CARBON	1M	5%	1/4W
R141	1-249-417-11	CARBON	1K	5%	1/4W
R142	1-247-903-00	CARBON	1M	5%	1/4W
R151	1-249-441-11	CARBON	100K	5%	1/4W
R152	1-249-417-11	CARBON	1K	5%	1/4W
R153	1-249-441-11	CARBON	100K	5%	1/4W
R154	1-249-416-11	CARBON	820	5%	1/4W
R155	1-247-897-11	CARBON	560K	5%	1/4W
R156	1-249-437-11	CARBON	47K	5%	1/4W
R157	1-249-441-11	CARBON	100K	5%	1/4W
R158	1-249-410-11	CARBON	270	5%	1/4W
R159	1-249-424-11	CARBON	3.9K	5%	1/4W
R160	1-247-903-00	CARBON	1M	5%	1/4W
R161	1-249-417-11	CARBON	1K	5%	1/4W
R162	1-247-903-00	CARBON	1M	5%	1/4W
R163	1-249-424-11	CARBON	3.9K	5%	1/4W
R164	1-247-903-00	CARBON	1M	5%	1/4W
R165	1-249-417-11	CARBON	1K	5%	1/4W
R166	1-247-903-00	CARBON	1M	5%	1/4W
R167	1-249-413-11	CARBON	470	5%	1/4W
R168	1-247-903-00	CARBON	1M	5%	1/4W
R169	1-249-417-11	CARBON	1K	5%	1/4W
R170	1-247-903-00	CARBON	1M	5%	1/4W

Ref.No.	Part No.	Description			
R176	1-249-417-11	(WG,IT)...CARBON	1K	5%	1/4W
R181	1-249-417-11	CARBON	1K	5%	1/4W
R182	1-247-903-00	CARBON	1M	5%	1/4W
R183	1-247-903-00	CARBON	1M	5%	1/4W
R184	1-249-424-11	CARBON	3.9K	5%	1/4W
R185	1-249-417-11	CARBON	1K	5%	1/4W
R186	1-247-903-00	CARBON	1M	5%	1/4W
R187	1-247-903-00	CARBON	1M	5%	1/4W
R188	1-249-424-11	CARBON	3.9K	5%	1/4W
R189	1-249-417-11	CARBON	1K	5%	1/4W
R190	1-247-903-00	CARBON	1M	5%	1/4W
R191	1-249-417-11	CARBON	1K	5%	1/4W
R192	1-247-903-00	CARBON	1M	5%	1/4W
R201	1-249-441-11	CARBON	100K	5%	1/4W
R202	1-249-417-11	CARBON	1K	5%	1/4W
R203	1-249-429-11	CARBON	10K	5%	1/4W
R204	1-249-412-11	CARBON	390	5%	1/4W
R205	1-249-429-11	CARBON	10K	5%	1/4W
R206	1-249-416-11	CARBON	820	5%	1/4W
R207	1-249-429-11	CARBON	10K	5%	1/4W
R208	1-247-881-00	CARBON	120K	5%	1/4W
R209	1-249-416-11	CARBON	820	5%	1/4W
R210	1-247-881-00	CARBON	120K	5%	1/4W
R211	1-249-437-11	CARBON	47K	5%	1/4W
R212	1-249-437-11	CARBON	47K	5%	1/4W
R213	1-249-437-11	CARBON	47K	5%	1/4W
R221	1-249-428-11	CARBON	8.2K	5%	1/4W
R222	1-249-435-11	CARBON	33K	5%	1/4W
R223	1-249-435-11	CARBON	33K	5%	1/4W
R224	1-249-410-11	CARBON	270	5%	1/4W
R225	1-247-903-00	CARBON	1M	5%	1/4W
R226	1-249-417-11	CARBON	1K	5%	1/4W
R227	1-249-433-11	CARBON	22K	5%	1/4W
R228	1-249-424-11	CARBON	3.9K	5%	1/4W
R229	1-249-441-11	CARBON	100K	5%	1/4W
R230	1-249-412-11	CARBON	390	5%	1/4W
R231	1-249-427-11	CARBON	6.8K	5%	1/4W
R232	1-249-425-11	CARBON	4.7K	5%	1/4W
R233	1-249-429-11	CARBON	10K	5%	1/4W
R261	1-249-437-11	CARBON	47K	5%	1/4W
R262	1-249-437-11	CARBON	47K	5%	1/4W
R263	1-249-437-11	CARBON	47K	5%	1/4W
R271	1-249-428-11	CARBON	8.2K	5%	1/4W
R272	1-249-435-11	CARBON	33K	5%	1/4W
R273	1-249-435-11	CARBON	33K	5%	1/4W
R274	1-249-410-11	CARBON	270	5%	1/4W
R275	1-247-903-00	CARBON	1M	5%	1/4W
R276	1-249-417-11	CARBON	1K	5%	1/4W
R277	1-249-433-11	CARBON	22K	5%	1/4W
R278	1-249-424-11	CARBON	3.9K	5%	1/4W
R279	1-249-441-11	CARBON	100K	5%	1/4W
R280	1-249-412-11	CARBON	390	5%	1/4W
R281	1-249-427-11	CARBON	6.8K	5%	1/4W
R282	1-249-425-11	CARBON	4.7K	5%	1/4W
R283	1-249-429-11	CARBON	10K	5%	1/4W
R301	1-249-417-11	CARBON	1K	5%	1/4W
R302	1-249-438-11	CARBON	56K	5%	1/4W

Ref.No.	Part No.	Description
R303	1-249-412-11	CARBON 390 5% 1/4W
R304	1-249-438-11	CARBON 56K 5% 1/4W
R305	1-244-889-11	(E,EA)...CARBON 4.7K 5% 1/2W
R305	1-247-758-11	(AEP,UK,WG,IT) ...CARBON 3.3K 5% 1/2W
R306	1-244-889-11	(E,EA)...CARBON 4.7K 5% 1/2W
R306	1-247-758-11	(AEP,UK,WG,IT) ...CARBON 3.3K 5% 1/2W
R307 ⚠	1-212-881-11	FUSIBLE 100 5% 1/4W F
R308	1-247-752-11	CARBON 1K 5% 1/2W
R309	1-247-752-11	CARBON 1K 5% 1/2W
R310 ⚠	1-212-881-11	FUSIBLE 100 5% 1/4W F
R311	1-249-417-11	CARBON 1K 5% 1/4W
R312	1-249-431-11	CARBON 15K 5% 1/4W
R313	1-249-441-11	CARBON 100K 5% 1/4W
R314	1-217-156-00	RES, METAL PLATE 0.22
R315	1-247-727-11	CARBON 10 5% 1/2W
R316	1-249-438-11	CARBON 56K 5% 1/4W
R318	1-247-727-11	CARBON 10 5% 1/2W
R319	1-247-747-11	CARBON 470 5% 1/2W
R321	1-247-727-11	(WG,IT)...CARBON 10 5% 1/2W
R322	1-247-727-11	(WG,IT)...CARBON 10 5% 1/2W
R323	1-247-727-11	(WG,IT)...CARBON 10 5% 1/2W
R324	1-247-727-11	(WG,IT)...CARBON 10 5% 1/2W
R331	1-249-429-11	CARBON 10K 5% 1/4W
R332	1-249-441-11	CARBON 100K 5% 1/4W
R333	1-249-437-11	CARBON 47K 5% 1/4W
R334	1-244-899-11	(E,EA)...CARBON 12K 5% 1/2W
R334	1-247-764-11	(AEP,UK,WG,IT) ...CARBON 10K 5% 1/2W
R335 ⚠	1-216-456-00	(AEP,UK,WG,IT) ...METAL OXIDE 820 5% 2W F
R335 ⚠	1-216-457-11	(E,EA)...METAL OXIDE FILM 1.2K 5% 2W F
R341	1-249-423-11	CARBON 3.3K 5% 1/4W
R351	1-249-417-11	CARBON 1K 5% 1/4W
R352	1-249-438-11	CARBON 56K 5% 1/4W
R353	1-249-412-11	CARBON 390 5% 1/4W
R354	1-249-438-11	CARBON 56K 5% 1/4W
R355	1-244-889-11	(E,EA)...CARBON 4.7K 5% 1/2W
R355	1-247-758-11	(AEP,UK,WG,IT) ...CARBON 3.3K 5% 1/2W
R356	1-244-889-11	(E,EA)...CARBON 4.7K 5% 1/2W
R356	1-247-758-11	(AEP,UK,WG,IT) ...CARBON 3.3K 5% 1/2W
R361	1-249-417-11	CARBON 1K 5% 1/4W
R362	1-249-431-11	CARBON 15K 5% 1/4W
R363	1-249-441-11	CARBON 100K 5% 1/4W
R364	1-217-156-00	RES, METAL PLATE 0.22
R365	1-247-727-11	CARBON 10 5% 1/2W
R366	1-249-437-11	CARBON 47K 5% 1/4W
R368	1-247-727-11	CARBON 10 5% 1/2W
R369	1-247-747-11	CARBON 470 5% 1/2W
R401 ⚠	1-217-469-00	FUSIBLE 1 5% 1W F
R402 ⚠	1-217-469-00	FUSIBLE 1 5% 1W F
R403	1-249-428-11	CARBON 8.2K 5% 1/4W
R404	1-247-883-00	CARBON 150K 5% 1/4W

Ref.No.	Part No.	Description
R405	1-249-433-11	CARBON 22K 5% 1/4W
R406 ⚠	1-212-849-00	FUSIBLE 4.7 5% 1/4W F
R407	1-249-440-11	CARBON 82K 5% 1/4W
R409 ⚠	1-212-849-00	FUSIBLE 4.7 5% 1/4W F
R410 ⚠	1-212-849-00	FUSIBLE 4.7 5% 1/4W F
R411	1-214-789-11	(E,EA)...METAL PLATE 0.1 10% 5W
R412 ⚠	1-214-789-11	(E,EA)...METAL PLATE 0.1 10% 5W
R413 ⚠	1-214-789-11	(E,EA)...METAL PLATE 0.1 10% 5W
R414 ⚠	1-214-789-11	(E,EA)...METAL PLATE 0.1 10% 5W
R415 ⚠	1-214-789-11	(E,EA)...METAL PLATE 0.1 10% 5W
R416 ⚠	1-214-789-11	(E,EA)...METAL PLATE 0.1 10% 5W
R501	1-249-417-11	CARBON 1K 5% 1/4W
R502	1-249-417-11	CARBON 1K 5% 1/4W
R503	1-249-417-11	CARBON 1K 5% 1/4W
R504	1-249-417-11	CARBON 1K 5% 1/4W
R505	1-249-433-11	CARBON 22K 5% 1/4W
R506	1-249-433-11	CARBON 22K 5% 1/4W
R507	1-249-417-11	CARBON 1K 5% 1/4W
R508	1-249-415-11	CARBON 680 5% 1/4W
R509	1-249-429-11	CARBON 10K 5% 1/4W
R510	1-249-429-11	CARBON 10K 5% 1/4W
R511	1-249-393-11	CARBON 10 5% 1/4W
R512	1-249-410-11	CARBON 270 5% 1/4W
R513	1-249-405-11	CARBON 100 5% 1/4W
R514	1-249-405-11	CARBON 100 5% 1/4W
R515	1-249-425-11	CARBON 4.7K 5% 1/4W
R518	1-249-417-11	CARBON 1K 5% 1/4W
R519	1-249-417-11	CARBON 1K 5% 1/4W
R520	1-249-417-11	CARBON 1K 5% 1/4W
R521	1-249-417-11	CARBON 1K 5% 1/4W
R522	1-249-417-11	CARBON 1K 5% 1/4W
R523	1-249-417-11	CARBON 1K 5% 1/4W
R524	1-249-417-11	CARBON 1K 5% 1/4W
R525	1-249-435-11	CARBON 33K 5% 1/4W
R526	1-249-435-11	CARBON 33K 5% 1/4W
R527	1-249-435-11	CARBON 33K 5% 1/4W
R528	1-249-435-11	CARBON 33K 5% 1/4W
R529	1-249-435-11	CARBON 33K 5% 1/4W
R530	1-249-429-11	CARBON 10K 5% 1/4W
R531	1-249-429-11	CARBON 10K 5% 1/4W
R532	1-249-429-11	CARBON 10K 5% 1/4W
R533	1-249-429-11	CARBON 10K 5% 1/4W
R534	1-249-417-11	CARBON 1K 5% 1/4W
R535	1-249-417-11	CARBON 1K 5% 1/4W
R536	1-249-417-11	CARBON 1K 5% 1/4W
R537	1-249-435-11	CARBON 33K 5% 1/4W
R538	1-249-405-11	CARBON 100 5% 1/4W
R541	1-249-410-11	CARBON 270 5% 1/4W
R542	1-249-412-11	CARBON 390 5% 1/4W
R543	1-249-410-11	CARBON 270 5% 1/4W
R544	1-249-410-11	CARBON 270 5% 1/4W
R545	1-249-410-11	CARBON 270 5% 1/4W
R546	1-249-413-11	CARBON 470 5% 1/4W
R547	1-249-413-11	CARBON 470 5% 1/4W
R548	1-249-413-11	CARBON 470 5% 1/4W
R549	1-249-413-11	CARBON 470 5% 1/4W
R550	1-249-413-11	CARBON 470 5% 1/4W

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

MC-Service

Ref.No.	Part No.	Description			
R551	1-249-413-11	CARBON	470	5%	1/4W
R552	1-249-413-11	CARBON	470	5%	1/4W
R553	1-249-413-11	CARBON	470	5%	1/4W
R554	1-249-413-11	CARBON	470	5%	1/4W
R555	1-249-410-11	CARBON	270	5%	1/4W
R556	1-249-410-11	CARBON	270	5%	1/4W
R557	1-249-410-11	CARBON	270	5%	1/4W
R558	1-249-410-11	CARBON	270	5%	1/4W
R559	1-249-407-11	CARBON	150	5%	1/4W
R560	1-249-410-11	CARBON	270	5%	1/4W
R561	1-249-407-11	CARBON	150	5%	1/4W
R562	1-249-407-11	CARBON	150	5%	1/4W
R571	1-249-429-11	CARBON	10K	5%	1/4W
R572	1-249-429-11	CARBON	10K	5%	1/4W
R573	1-249-429-11	CARBON	10K	5%	1/4W
R580	1-249-435-11	CARBON	33K	5%	1/4W
R581	1-249-433-11	CARBON	22K	5%	1/4W
R582	1-249-433-11	CARBON	22K	5%	1/4W
R583	1-249-435-11	CARBON	33K	5%	1/4W
R584	1-249-435-11	CARBON	33K	5%	1/4W
R585	1-249-435-11	CARBON	33K	5%	1/4W
R586	1-249-435-11	CARBON	33K	5%	1/4W
R587	1-249-435-11	CARBON	33K	5%	1/4W
R588	1-249-435-11	CARBON	33K	5%	1/4W
R589	1-249-433-11	CARBON	22K	5%	1/4W
R590	1-249-433-11	CARBON	22K	5%	1/4W
R591	1-249-433-11	CARBON	22K	5%	1/4W
R592	1-249-433-11	CARBON	22K	5%	1/4W
R593	1-249-433-11	CARBON	22K	5%	1/4W
R594	1-249-435-11	CARBON	33K	5%	1/4W
R595	1-249-435-11	CARBON	33K	5%	1/4W
R596	1-249-435-11	CARBON	33K	5%	1/4W
R597	1-249-435-11	CARBON	33K	5%	1/4W
R598	1-249-435-11	CARBON	33K	5%	1/4W
R599	1-249-435-11	CARBON	33K	5%	1/4W
R601	1-249-425-11	CARBON	4.7K	5%	1/4W
R602	1-249-425-11	CARBON	4.7K	5%	1/4W
R603	1-249-417-11	CARBON	1K	5%	1/4W
R604	1-249-417-11	CARBON	1K	5%	1/4W
R605	1-249-429-11	CARBON	10K	5%	1/4W
R606	1-249-421-11	CARBON	2.2K	5%	1/4W
R607	1-249-425-11	CARBON	4.7K	5%	1/4W
R608	1-249-425-11	CARBON	4.7K	5%	1/4W
R609	1-249-425-11	CARBON	4.7K	5%	1/4W
R610	1-249-429-11	CARBON	10K	5%	1/4W
R611	1-249-421-11	CARBON	2.2K	5%	1/4W
R612	1-249-421-11	CARBON	2.2K	5%	1/4W
R613	1-249-417-11	CARBON	1K	5%	1/4W
R614	1-247-862-11	CARBON	20K	5%	1/4W
R615	1-249-425-11	CARBON	4.7K	5%	1/4W
R616	1-249-405-11	CARBON	100	5%	1/4W
R617	1-249-411-11	CARBON	330	5%	1/4W
R618	1-249-411-11	CARBON	330	5%	1/4W
R619	1-249-411-11	CARBON	330	5%	1/4W
R620	1-249-411-11	CARBON	330	5%	1/4W
R621	1-249-417-11	CARBON	1K	5%	1/4W
R622	1-249-417-11	CARBON	1K	5%	1/4W

Ref.No.	Part No.	Description			
R623	1-249-417-11	CARBON	1K	5%	1/4W
R624	1-249-411-11	CARBON	330	5%	1/4W
R625	1-249-411-11	CARBON	330	5%	1/4W
R626	1-249-411-11	CARBON	330	5%	1/4W
R627	1-249-411-11	CARBON	330	5%	1/4W
R628	1-249-411-11	CARBON	330	5%	1/4W
R629	1-249-415-11	CARBON	680	5%	1/4W
R630	1-249-415-11	CARBON	680	5%	1/4W
R631	1-247-883-00	CARBON	150K	5%	1/4W
R632	1-247-832-11	CARBON	1.1K	5%	1/4W
R633	1-249-441-11	CARBON	100K	5%	1/4W
R634	1-249-441-11	CARBON	100K	5%	1/4W
R635	1-249-425-11	CARBON	4.7K	5%	1/4W
R636	1-249-413-11	CARBON	470	5%	1/4W
R637	1-247-903-00	CARBON	1M	5%	1/4W
R638	1-249-425-11	CARBON	4.7K	5%	1/4W
R639	1-249-413-11	CARBON	470	5%	1/4W
R640	1-247-903-00	CARBON	1M	5%	1/4W
R679	1-249-415-11	CARBON	680	5%	1/4W
R680	1-249-415-11	CARBON	680	5%	1/4W
R681	1-247-883-00	CARBON	150K	5%	1/4W
R682	1-247-832-11	CARBON	1.1K	5%	1/4W
R685	1-249-425-11	CARBON	4.7K	5%	1/4W
R686	1-249-413-11	CARBON	470	5%	1/4W
R687	1-247-903-00	CARBON	1M	5%	1/4W
R688	1-249-425-11	CARBON	4.7K	5%	1/4W
R689	1-249-413-11	CARBON	470	5%	1/4W
R690	1-247-903-00	CARBON	1M	5%	1/4W
R701	1-247-804-11	CARBON	75	5%	1/4W
R702	1-247-804-11	CARBON	75	5%	1/4W
R703	1-249-417-11	CARBON	1K	5%	1/4W
R704	1-249-408-11	CARBON	180	5%	1/4W
R705	1-249-408-11	CARBON	180	5%	1/4W
R706	1-247-804-11	CARBON	75	5%	1/4W
R707	1-247-804-11	CARBON	75	5%	1/4W
R708	1-249-417-11	CARBON	1K	5%	1/4W
R709	1-249-408-11	CARBON	180	5%	1/4W
R710	1-249-408-11	CARBON	180	5%	1/4W
R711	1-247-804-11	CARBON	75	5%	1/4W
R712	1-247-804-11	CARBON	75	5%	1/4W
R713	1-249-417-11	CARBON	1K	5%	1/4W
R714	1-249-408-11	CARBON	180	5%	1/4W
R715	1-249-408-11	CARBON	180	5%	1/4W
R716	1-247-804-11	CARBON	75	5%	1/4W
R717	1-249-417-11	CARBON	1K	5%	1/4W
R718	1-249-417-11	CARBON	1K	5%	1/4W
RV201	1-238-744-11	RES, VAR, CARBON, 50K (MIC LEVEL)			
RV202	1-238-978-11	RES, VAR, CARBON 100KX2 (BASS)			
RV203	1-238-978-11	RES, VAR, CARBON 100KX2 (TREBLE)			
RV204	1-238-977-11	RES, VAR, CARBON 100KX2 (DBFB LEVEL/SAT LEVEL)			
RV205	1-238-459-11	RES, VAR, CARBON 100K (BALANCE)			
RV206	1-238-708-11	RES, VAR, CARBON 10K/100K/100K (VOLUME)			
RY301	1-515-765-11	RELAY			
S1	1-554-920-51	SWITCH, PUSH (AC POWER)(1 KEY)(POWER)			
S301	1-571-987-11	SWITCH, PUSH (2 KEY)(SPEAKERS A,B)			
S501	1-554-303-21	SWITCH, KEY BOARD (CD)			

Ref.No.	Part No.	Description
S502	1-554-303-21	SWITCH, KEY BOARD (DAT)
S503	1-554-303-21	SWITCH, KEY BOARD (PHONO)
S504	1-554-303-21	SWITCH, KEY BOARD (TUNER)
S505	1-554-303-21	SWITCH, KEY BOARD (TAPE)
S506	1-554-303-21	SWITCH, KEY BOARD (DBS)
S507	1-554-303-21	SWITCH, KEY BOARD (VIDEO 1/CD)
S508	1-554-303-21	SWITCH, KEY BOARD (VIDEO 2/DAT)
S509	1-554-303-21	SWITCH, KEY BOARD (VIDEO 3)
S510	1-554-303-21	SWITCH, KEY BOARD (DIGITAL DIRECT)
S511	1-554-303-21	SWITCH, KEY BOARD (DBFB/SAT)
S512	1-554-303-21	SWITCH, KEY BOARD (EQ REC)
S513	1-554-303-21	SWITCH, KEY BOARD (SET)
S514	1-554-303-21	SWITCH, KEY BOARD (1)
S515	1-554-303-21	SWITCH, KEY BOARD (2)
S516	1-554-303-21	SWITCH, KEY BOARD (3)
T1	⚠1-450-078-11	(E,EA).....TRANSFORMER, POWER
T1	⚠1-450-079-11	(AEP,WG,IT,UK)...TRANSFORMER, POWER
TM301	1-537-230-11	(EXCEPT AEP)...TERMINAL BOARD (SP)
TM301	1-537-231-11	(AEP).....TERMINAL BOARD (SP)
VS1	⚠1-570-307-11	(E,EA)...SWITCH, VOLTAGE CHANGE
X501	1-577-359-21	VIBRATOR, CERAMIC (4.19MHz)
X601	1-577-269-11	VIBRATOR, CRYSTAL (18.432MHz)

ACCESSORY & PACKING MATERIAL

1-574-264-11	(AEP,WG,IT)...CORD, LIGHT PLUG
3-701-630-00	(AEP,WG,IT)...BAG, POLYETHYLENE
*3-704-350-01	(AEP,WG,IT)...SHEET (STANDARD), PROTECTION
3-751-594-11	(AEP).....MANUAL, INSTRUCTION
3-751-594-41	(AEP,WG,IT)...MANUAL, INSTRUCTION
*4-934-859-01	(UK,E,EA).....CUSHION
*4-937-370-01	(AEP,WG,IT)...CUSHION
*4-937-371-01	(AEP,WG,IT)...INDIVIDUAL CARTON

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

MC-Service

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Audio Group

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